

P/N: 55904-8023**Copyright**

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Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

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**General description**

The FLIR T630sc is designed for the expert requiring the highest performance and the latest technology available. The camera combines excellent ergonomics and feature-rich flexibility with superior image quality of 640 x 480 pixel infrared resolution. High accuracy and sensitivity together with streaming options make the FLIR T630sc well suited for advanced research and development.

Benefits:

- Tailor made for research and development: The FLIR T630sc has high accuracy and high sensitivity to accurately measure the smallest temperature differences.
- Flexible and feature rich: A wide variety of measuring and analysis functions makes the camera flexible and able to meet your every need. A programmable button provides easy access to favorite functions.
- Highest performance with the latest technology: The FLIR T630sc is equipped with the innovative Multi Spectral Dynamic Imaging (MSX) feature, which produces an image richer in detail than ever before.
- Extensive communication options: The Wi-Fi connectivity of the FLIR T630sc allows you to connect to smart phones or tablets for the wireless transfer of images or the remote control of the camera. The Bluetooth-based METERLINK function transfers readings from external measurement instruments to the infrared image.
- Support for UltraMax: When enabling UltraMax in the camera, the resolution of images can be substantially enhanced when importing the images into FLIR Tools.

Imaging and optical data

IR resolution	640 x 480 pixels
UltraMax	Yes
Thermal sensitivity/NETD	<30 mK @ +30°C (+86°F)
Field of view (FOV)	15° x 11°
Minimum focus distance	0.5 m (1.64 ft.)
Focal length	41 mm (1.63 in.)
Spatial resolution (IFOV)	0.41 mrad
Lens identification	Automatic

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Imaging and optical data	
F-number	1.0
Image frequency	30 Hz
Focus	Automatic (one shot) or manual
Digital zoom	1–4x continuous
Digital image enhancement	Adaptive digital noise reduction
Detector data	
Detector type	Focal plane array (FPA), uncooled microbolometer
Spectral range	7.5–14 μ m
Detector pitch	17 μ m
Image presentation	
Display	Built-in touch screen, 4.3 in. wide screen LCD, 800 x 480 pixels
Display type	Capacitive touch screen
Auto orientation	Automatic landscape or portrait
Automatic image adjustment	Continuous, histogram based
Manual image adjustment	Linear based; possible to adjust level/span/max./min.
Image presentation modes	
Infrared image	Full-color IR image
Visual image	Full color visual image
Thermal MSX	Thermal image with enhanced detail presentation
Picture in Picture	Resizable and movable IR area on visual image
Measurement	
Object temperature range	<ul style="list-style-type: none"> –40°C to +150°C (–40°F to +302°F) +100°C to +650°C (+212°F to +1202°F)
Accuracy	<ul style="list-style-type: none"> ±1°C (±1.8°F) or ±1% of reading for limited temperature range. ±2°C (±3.6°F) or 2%, whichever is greater, at 25°C (77°F) nominal.
Measurement analysis	
Spotmeter	10
Area	5 + 5 areas (boxes or circles) with max./min./average (in post-acquisition analysis)
Automatic hot/cold detection	Auto hot or cold spotmeter markers within area
Measurement presets	No measurements, Center spot, Hot spot, Cold spot, User preset 1, User preset 2
User presets (in live images)	The user can select and combine measurements from any number of available spots/boxes/circles/delta
Difference temperature	Delta temperature between measurement functions or reference temperature

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Measurement analysis	
Reference temperature	Manually set using difference temperature
Atmospheric transmission correction	Automatic, based on inputs for distance, atmospheric temperature and relative humidity
Optics transmission correction	Automatic, based on signals from internal sensors
Emissivity correction	Variable from 0.01 to 1.0 or selected from materials list
Emissivity table	Emissivity table of predefined materials
Reflected apparent temperature correction	Automatic, based on input of reflected temperature
External optics/windows correction	Automatic, based on inputs of window transmission and temperature
Measurement corrections	Emissivity, reflected temperature, relative humidity, atmospheric temperature, object distance, external IR window compensation
Colors (palettes)	Iron, Rainbow, Rainbow HC, White hot, Black hot, Arctic, Lava
Alarm	
Color Alarm (isotherm)	Above/below/interval
Measurement function alarm	Audible/visual alarms (above/below) on any selected measurement function
Screening	Difference temperature alarm, audible
Set-up	
Set-up commands	Define user presets, Save options, Programmable button, Reset options, Set up camera, Wi-Fi, GPS & compass, Bluetooth, Language, Time & units, Camera information
Service functions	
Camera software update	Use PC software FLIR Tools
Storage of images	
Image storage	Standard JPEG, including digital photo and measurement data, on memory card
Storage media	Removable memory SD card
Image storage mode	<ul style="list-style-type: none"> Simultaneous storage of thermal and digital photo in same JPEG file. Optional to store digital photo as a separate JPEG file.
Time lapse	15 seconds to 24 hours
File formats	Standard JPEG, measurement data included
File formats, visual	Standard JPEG, automatically associated with corresponding thermal image
Image annotations (in still images)	
Voice	60 seconds (via Bluetooth) stored with the image
Text	Add table. Select between predefined templates or create your own in FLIR Tools

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Image annotations (in still images)	
Image description	Add short note (stored in JPEG EXIF tag)
Sketch	Draw on thermal/digital photo or add predefined stamps
METERLiNK	Wireless connection (Bluetooth) to: FLIR meters with METERLiNK
Report generation	<ul style="list-style-type: none"> Instant Report (*.pdf file) in camera Separate PC software with extensive report generation
Geographic Information System	
GPS	Location data automatically added to every still image from built-in GPS
Compass	Camera direction automatically added to every still image
Video recording in camera	
Non-radiometric IR video recording	MPEG-4 to memory card
Visual video recording	MPEG-4 to memory card
Video streaming	
Radiometric IR video streaming	Full dynamic to PC using USB or to mobile devices using Wi-Fi.
Non-radiometric IR video streaming	<ul style="list-style-type: none"> MPEG-4 using Wi-Fi Uncompressed colorized video using USB
Visual video streaming	<ul style="list-style-type: none"> MPEG-4 using Wi-Fi Uncompressed colorized video using USB
Digital camera	
Built-in digital camera	5 Mpixels with LED light (photo as separate image)
Digital camera, FOV	Adapts to the IR lens
Video lamp	Built-in LED light
Laser pointer	
Laser	Activated by dedicated button
Laser alignment	Position is automatic displayed on the IR image
Laser classification	Class 2
Laser type	Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)
Data communication interfaces	
Interfaces	USB-mini, USB-A, Bluetooth, Wi-Fi, Digital Video Output
METERLiNK/Bluetooth	Communication with headset and external sensors
Wi-Fi	Peer to peer (ad hoc) or infrastructure (network)
SD Card	One card slot for removable SD memory cards

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USB	
USB	<ul style="list-style-type: none"> • USB-A: Connect external USB device • USB Mini-B: Data transfer to and from PC / uncompressed colorized video
USB, standard	USB 2.0 high speed
Video output	
Video out	Digital video output (DVI)
Video, connector type	HDMI compatible
Radio	
Wi-Fi	<ul style="list-style-type: none"> • Standard: 802.11 b/g • Frequency range: 2412–2462 MHz • Max. output power: 15 dBm
METERLINK/Bluetooth	Frequency range: 2402–2480 MHz
Antenna	Internal
Power system	
Battery type	Rechargeable Li ion battery
Battery operating time	> 2.5 hours at 25°C (+68°F) and typical use
Charging system	In camera (AC adapter or 12 V from a vehicle) or 2-bay charger
Charging time	2.5 h to 90 % capacity, charging status indicated by LED's
Charging temperature	0°C to +45°C (+32°F to +113°F)
External power operation	AC adapter 90–260 VAC, 50/60 Hz or 12 V from a vehicle (cable with standard plug, optional)
Environmental data	
Operating temperature range	-15°C to +50°C (+5°F to +122°F)
Storage temperature range	-40°C to +70°C (-40°F to +158°F)
Humidity (operating and storage)	IEC 60068-2-30/24 h 95% relative humidity +25°C to +40°C (+77°F to +104°F) / 2 cycles
EMC	<ul style="list-style-type: none"> • ETSI EN 301 489-1 (radio) • ETSI EN 301 489-17 • EN 61000-6-2 (Immunity) • EN 61000-6-3 (Emission) • FCC 47 CFR Part 15 Class B (Emission) • ICES-003
Radio spectrum	<ul style="list-style-type: none"> • ETSI EN 300 328 • FCC Part 15.247 • RSS-247 Issue 2
Encapsulation	IP 54 (IEC 60529)
Shock	25 g (IEC 60068-2-27)
Vibration	2 g (IEC 60068-2-6)
Safety	EN/UL/CSA/PSE 60950-1

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Physical data	
Weight	1.3 kg (2.87 lb.)
Camera size, excl. lens (L × W × H)	143 × 195 × 95 mm (5.6 × 7.7 × 3.7 in.)
Tripod mounting	UNC 1/4"-20
Housing material	Magnesium

Shipping information	
Packaging, type	Cardboard box
List of contents	<ul style="list-style-type: none"> • Infrared camera with lens • Battery (2 ea.) • Battery charger • Bluetooth headset • Calibration certificate • FLIR ResearchIR Max 4 • Printed documentation • HDMI-DVI cable • HDMI-HDMI cable • Hard transport case • Lens cap • Memory card • Neck strap • Power supply, incl. multi-plugs • Tripod adapter • USB cable, Std A to Mini-B
Packaging, weight	6.6 kg (14.6 lb.)
Packaging, size	495 × 192 × 370 mm (19.49 × 7.56 × 14.57 in.)
EAN-13	7332558008737
UPC-12	845188009250
Country of origin	Sweden

Supplies & accessories:

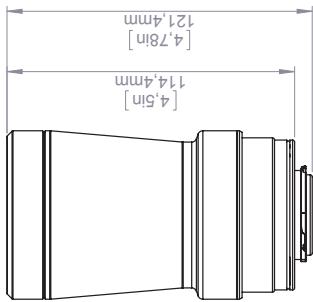
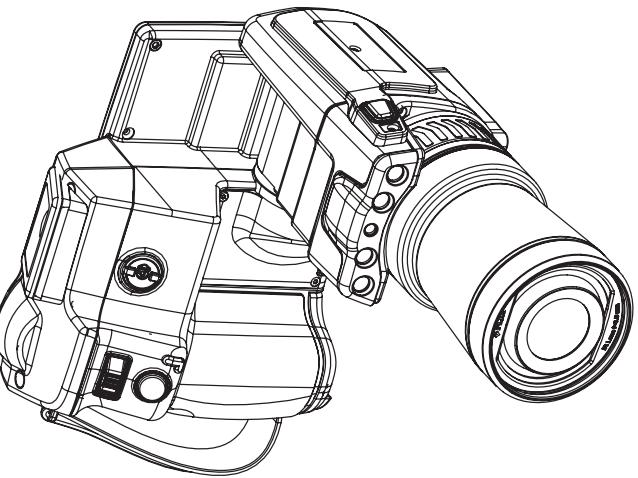
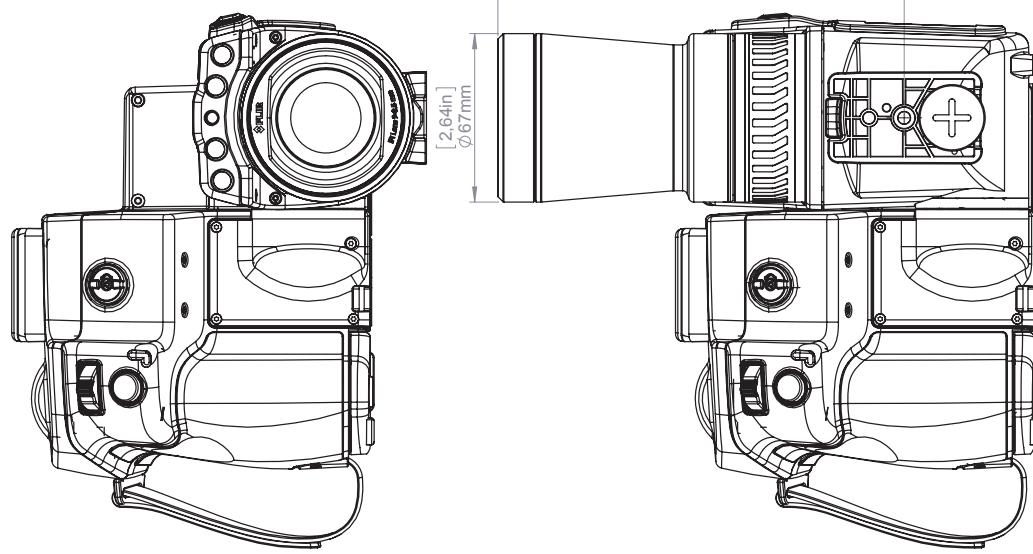
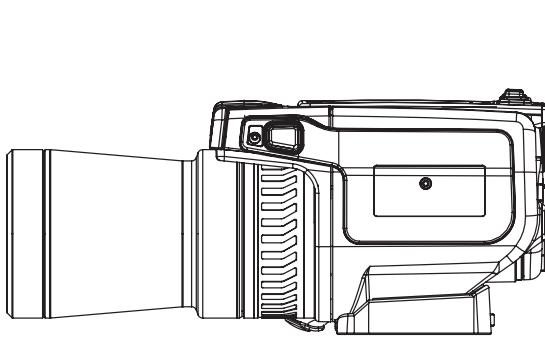
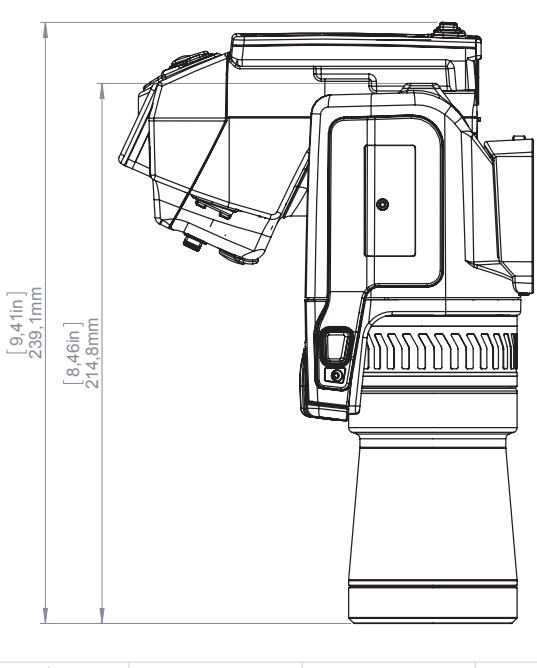
- T197914; IR lens, f=41.3 mm (15°) with case
- T197922; IR lens, f=24.6 mm (25°) with case
- T197915; IR lens, f=13.1 mm (45°) with case
- T198059; Close-up IR lens, 2.9x (50 µm) with case
- T198060; Close-up IR lens, 5.8x (100 µm) with case
- T198166; IR lens, f=88.9 mm (7°) with case and support for T6xx
- T198065; IR lens, f=6.5 mm (80°) with case
- T198066; Close-up IR lens, 1.5x (25 µm) with case
- T197896; High temperature option +300°C to 2000°C (+572°F to 3632°F)
- T910814; Power supply, incl. multi plugs
- T198126; Battery charger, incl. power supply with multi plugs T6xx
- T199364ACC; Battery Li-ion 3.65 V, 8.5 Ah, 32 Wh
- T911650ACC; Memory card SD Card 8 GB
- 1910423; USB cable Std A <> Mini-B
- T198509; Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.
- T910930ACC; HDMI type C to DVI cable 1.5 m
- T910891ACC; HDMI type C to HDMI type A cable 1.5 m
- T198625ACC; Hard transport case
- T198497; Large eyecup
- T198498; Tripod Adapter
- T911093; Tool belt
- 19250-100; IR Window 2 in

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- 19251-100; IR Window 3 in.
- 19252-100; IR Window 4 in.
- 19250-200; SS IR Window 2 in.
- 19251-200; SS IR Window 3 in.
- 19252-200; SS IR Window 4 in.
- T198495; Pouch
- T198499; Neck strap
- T197771ACC; Bluetooth Headset
- T198496; Stylus pen
- T198586; FLIR Reporter Professional (license only)
- T198584; FLIR Tools
- T198583; FLIR Tools+ (download card incl. license key)
- T300083; FLIR Thermal Studio (incl. license key/QR code)
- APP-10002; FLIR Tools Mobile (Android Application)
- T198697; FLIR ResearchIR Max + HSDR 4 (hardware sec. dev.)
- T199014; FLIR ResearchIR Max + HSDR 4 (printed license key)
- T199044; FLIR ResearchIR Max + HSDR 4 Upgrade (printed license key)
- T198696; FLIR ResearchIR Max 4 (hardware sec. dev.)
- T199013; FLIR ResearchIR Max 4 (printed license key)
- T199043; FLIR ResearchIR Max 4 Upgrade (printed license key)
- T198731; FLIR ResearchIR Standard 4 (hardware sec. dev.)
- T199012; FLIR ResearchIR Standard 4 (printed license key)
- T199042; FLIR ResearchIR Standard 4 Upgrade (printed license key)
- T199233; FLIR Atlas SDK for .NET
- T199234; FLIR Atlas SDK for MATLAB
- 4220499; FLIR Research Studio - 1 Year Subscription (online activation)
- 4220500; FLIR Research Studio - Perpetual License (online activation)
- 4220646; FLIR Research Studio - Perpetual License (USB dongle)
- INST-EW-0160; Extended Warranty 1 Year for T620/bx & T630/sc
- INST-EWGM-0175; Premium Service Package for A310ex, A3xxf, A6xx, T620-T660
- INST-GM-0150; General Maintenance Package for T540, T6xx, T840

Camera with Lens IR f=6,5 mm (80°)

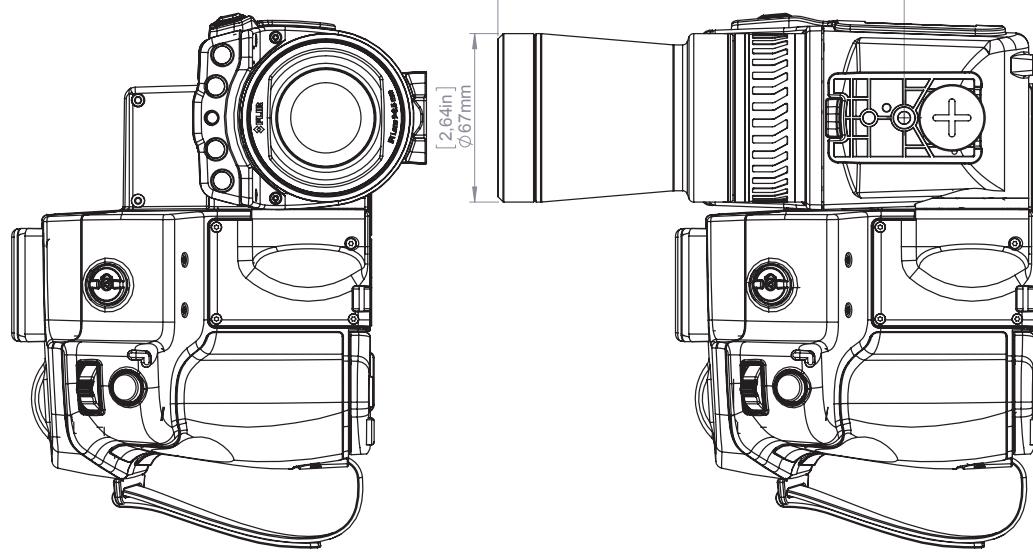
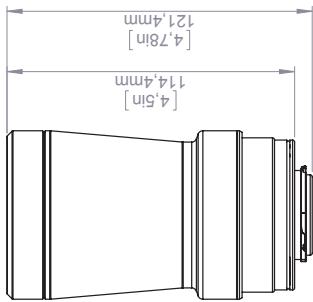
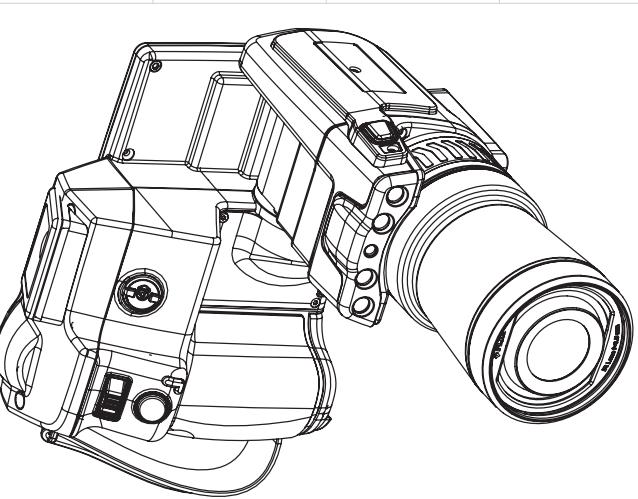
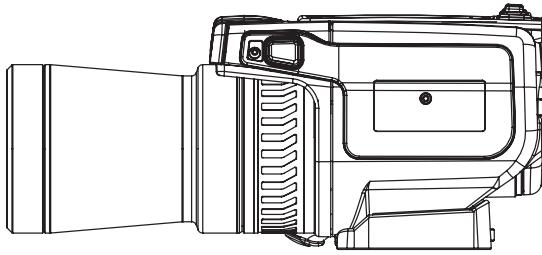
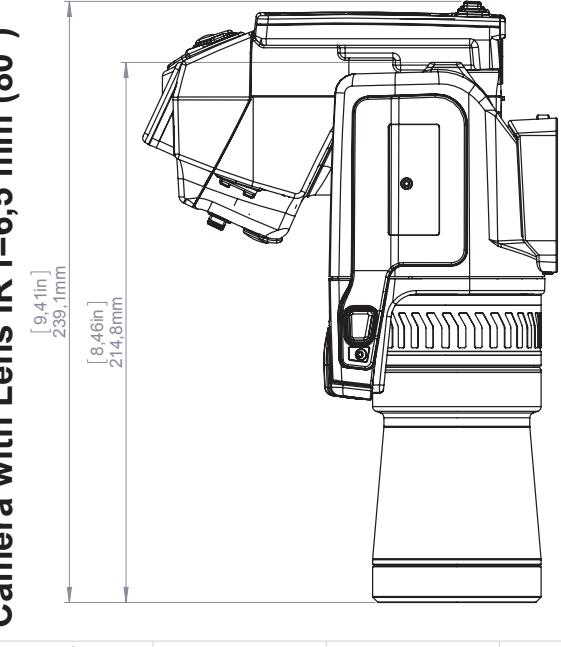
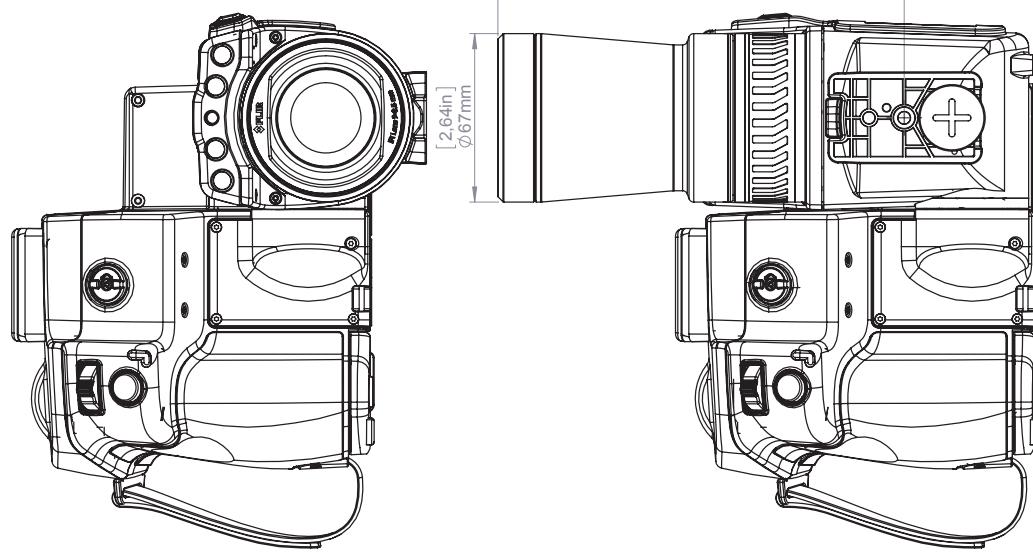
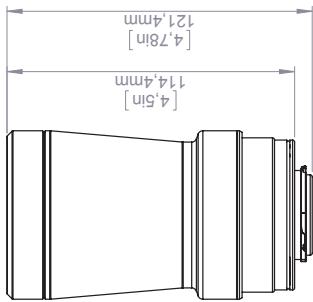
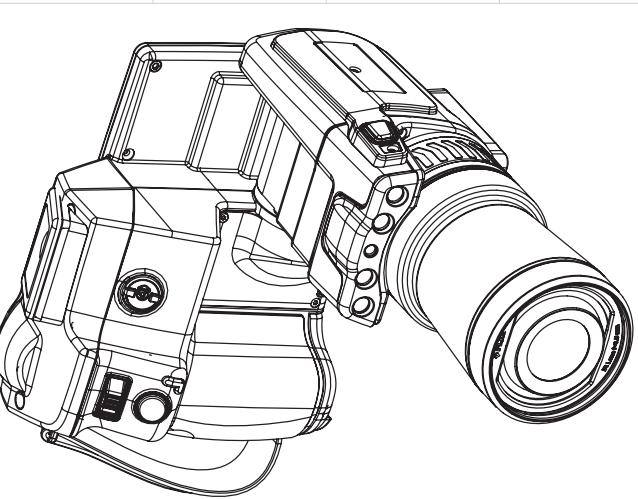
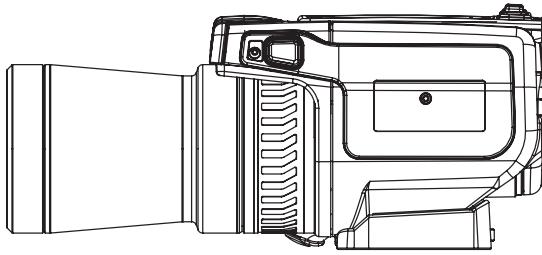
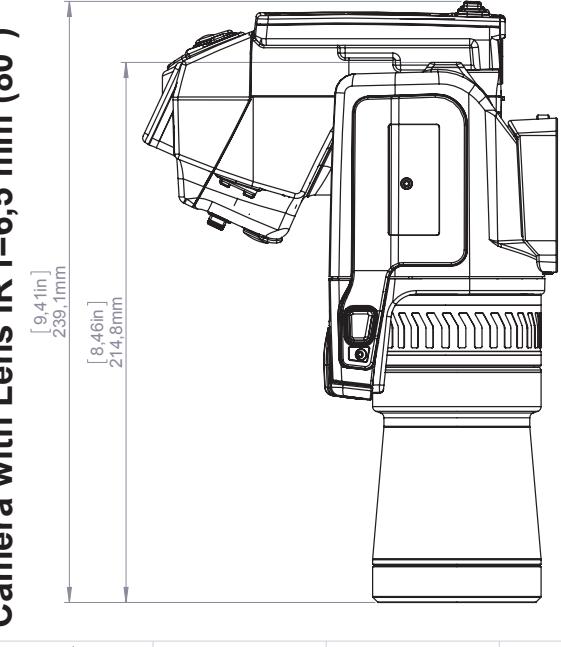
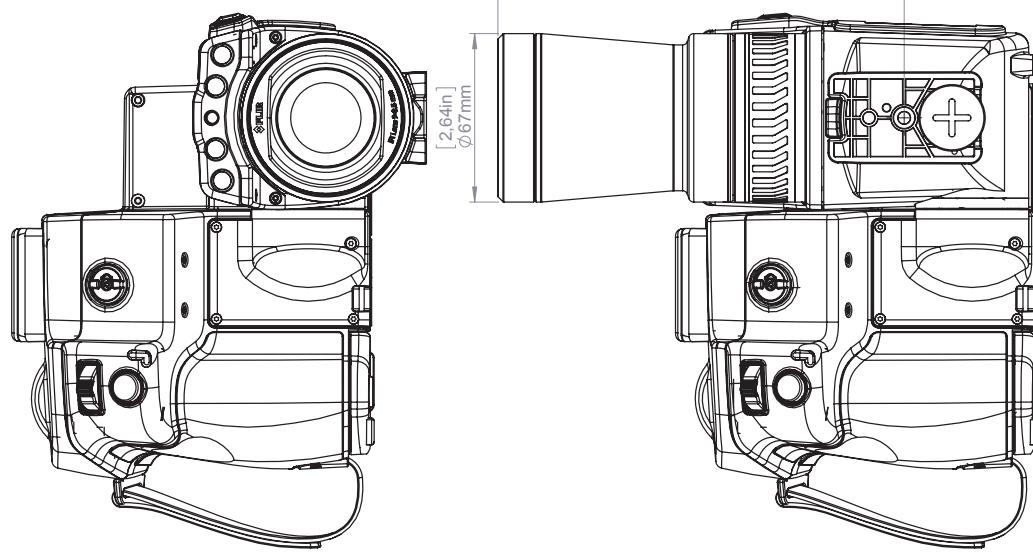
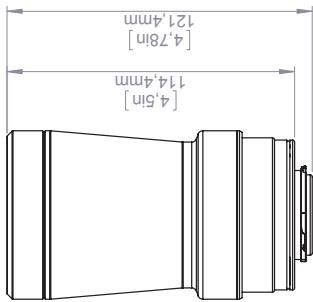
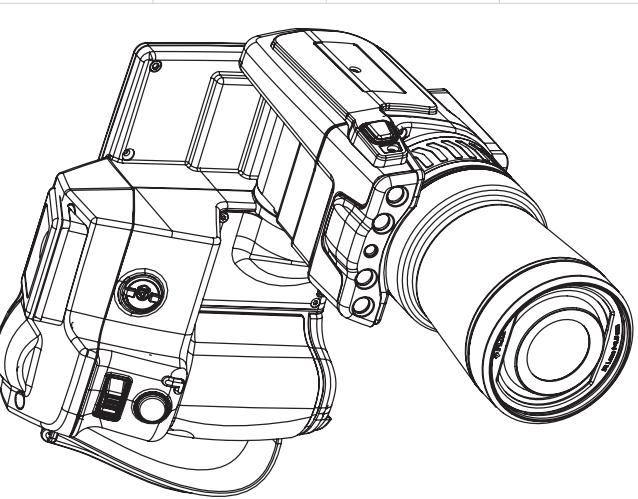
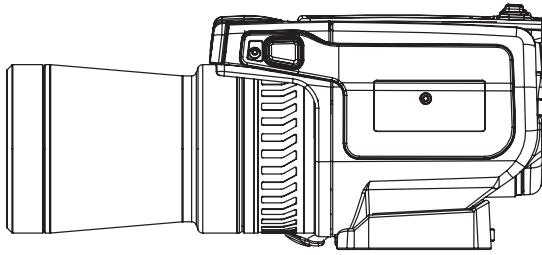
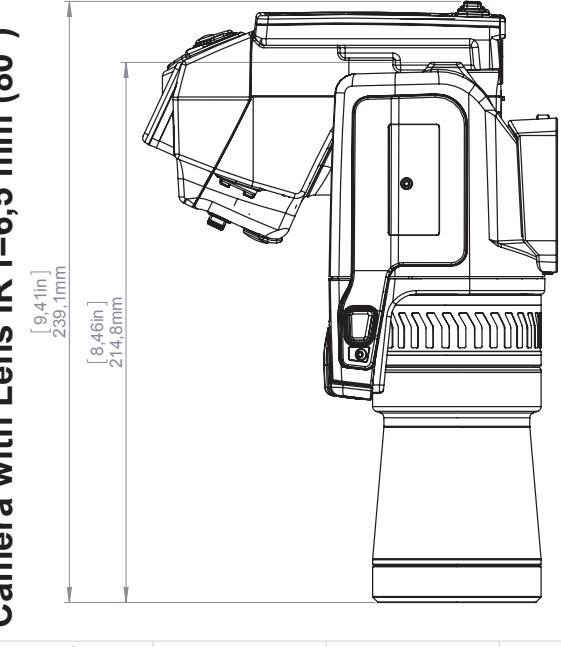
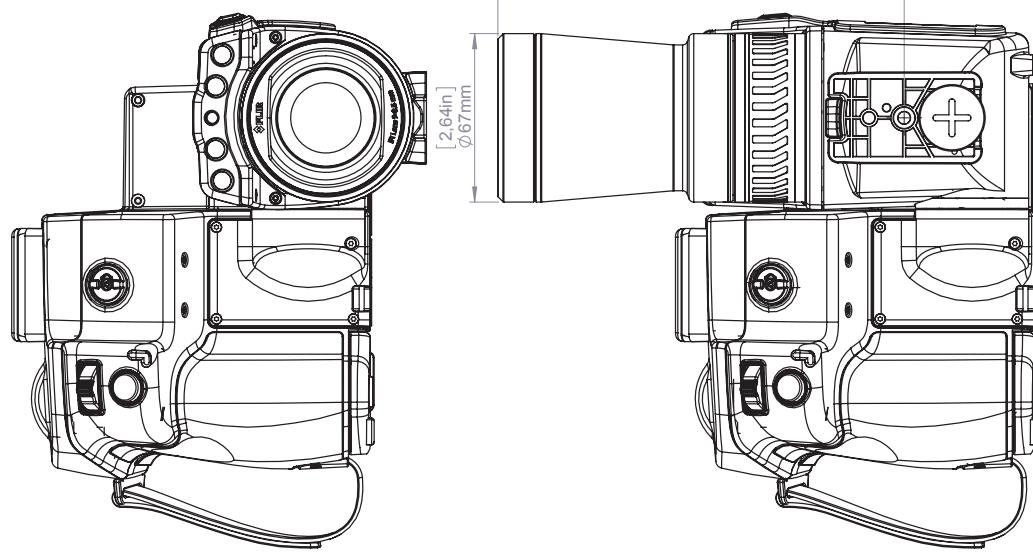
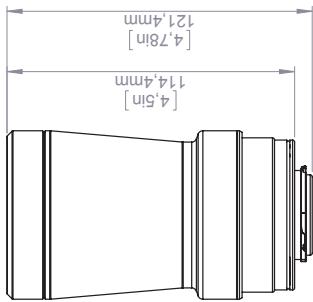
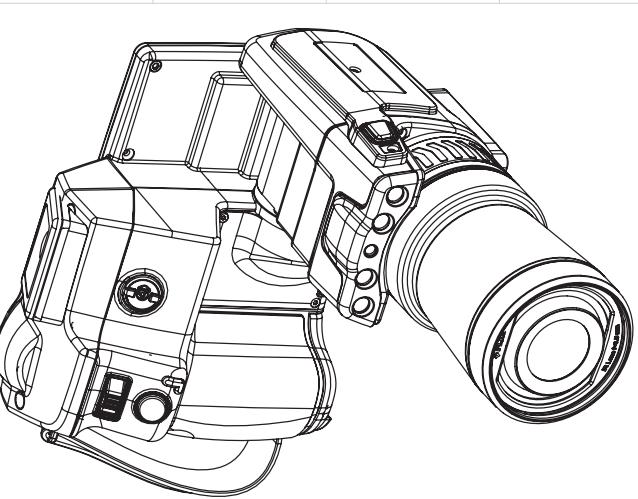
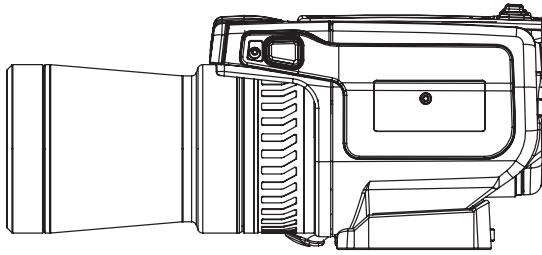
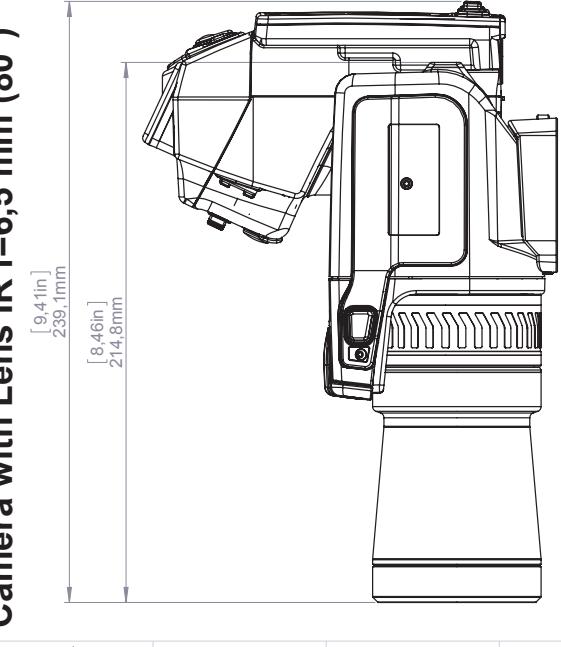
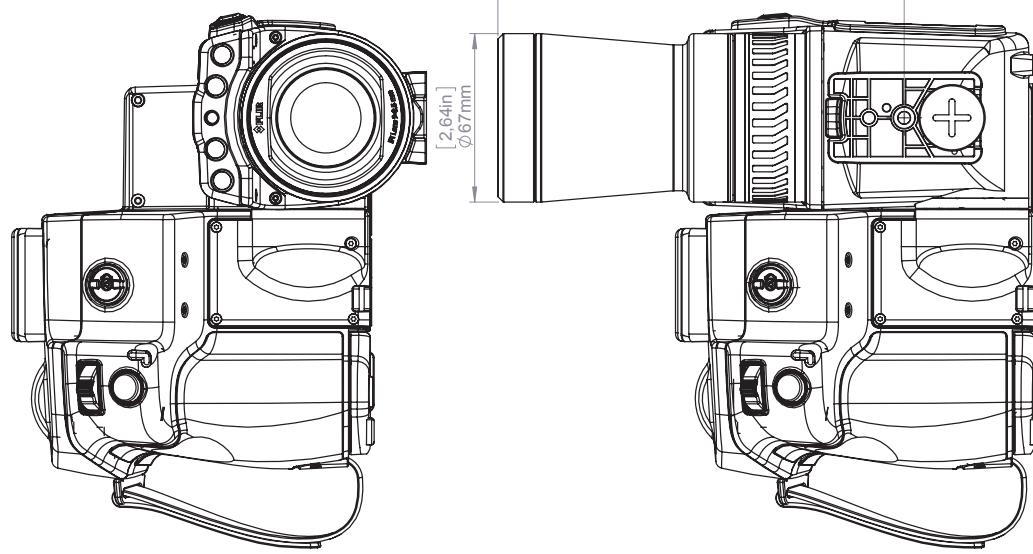
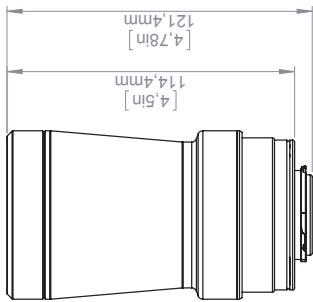
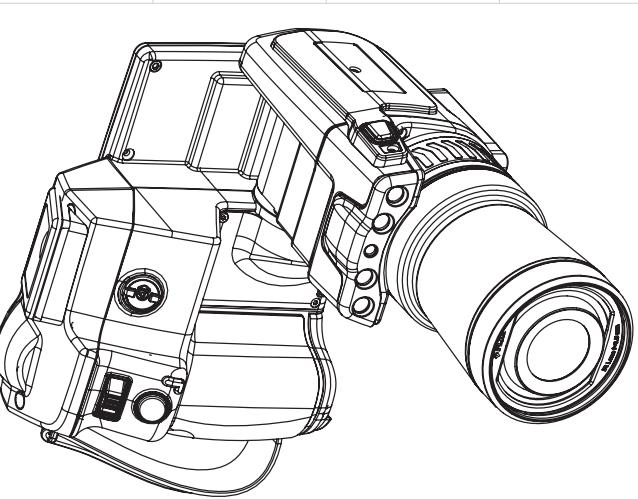
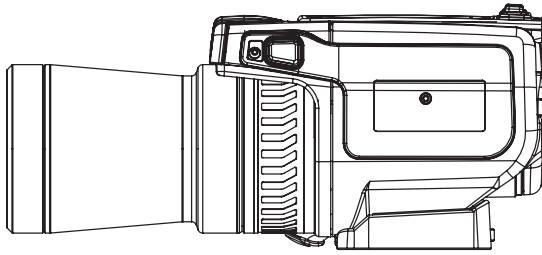
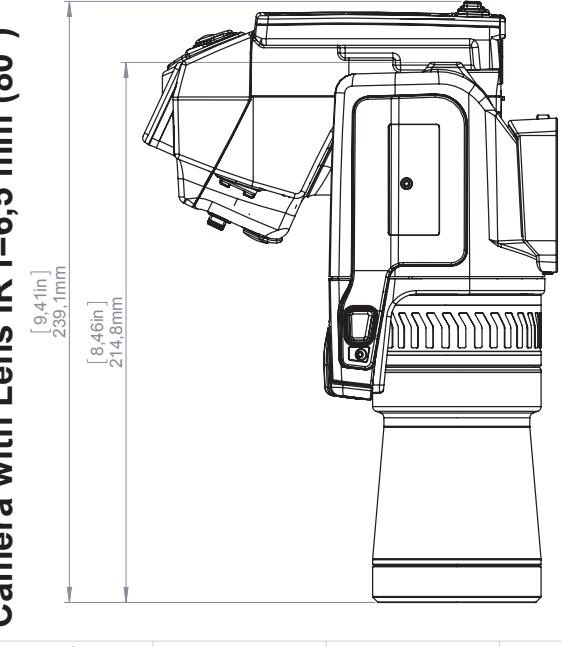
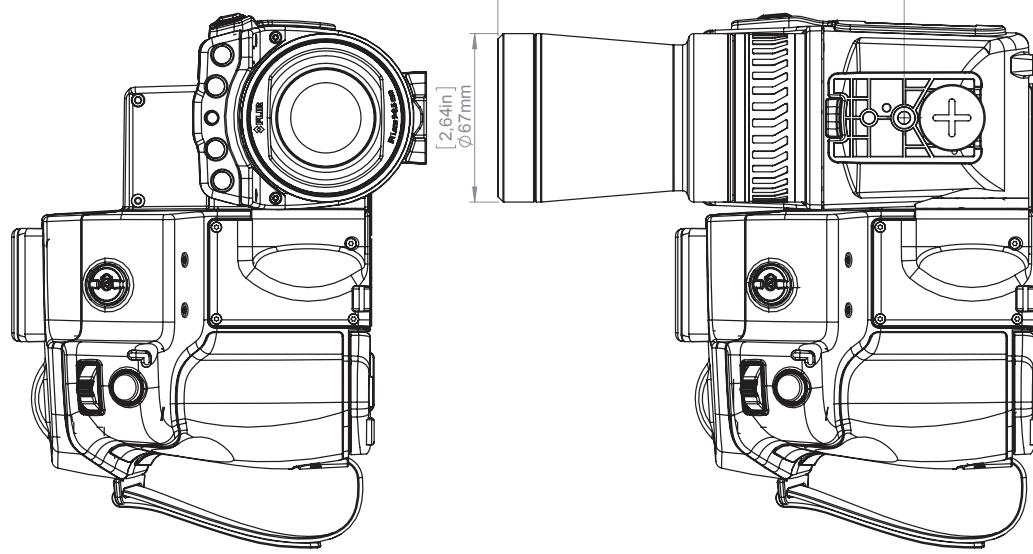
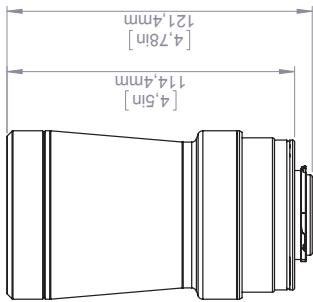
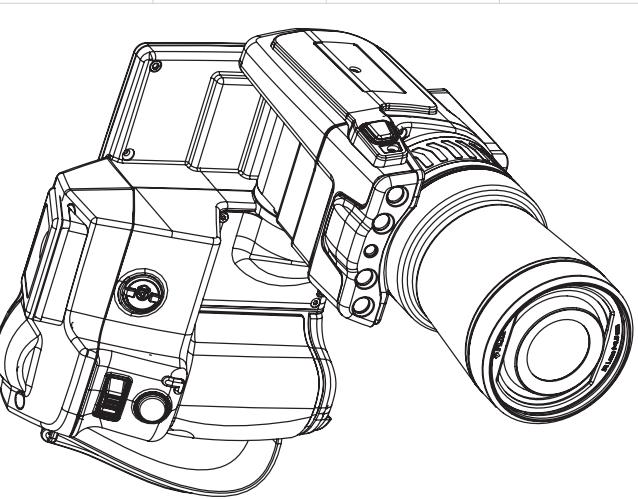
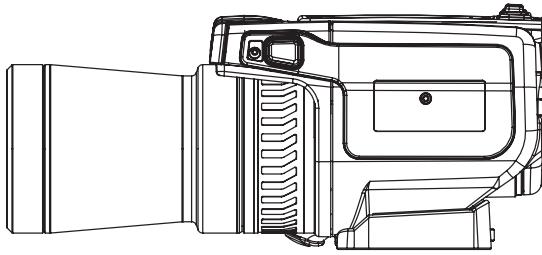
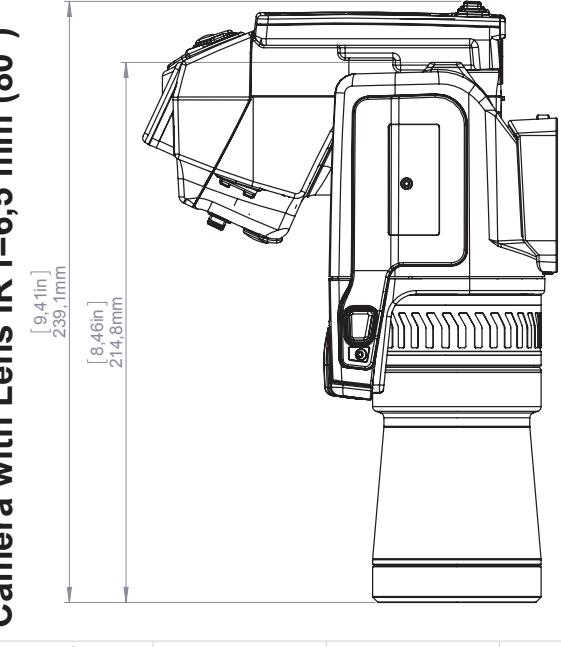
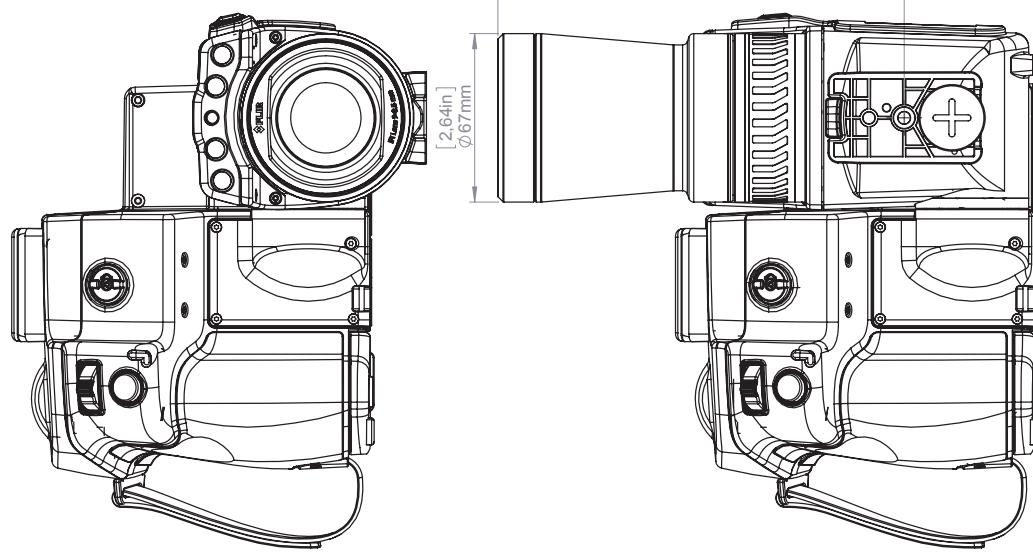
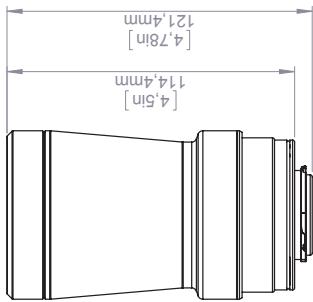
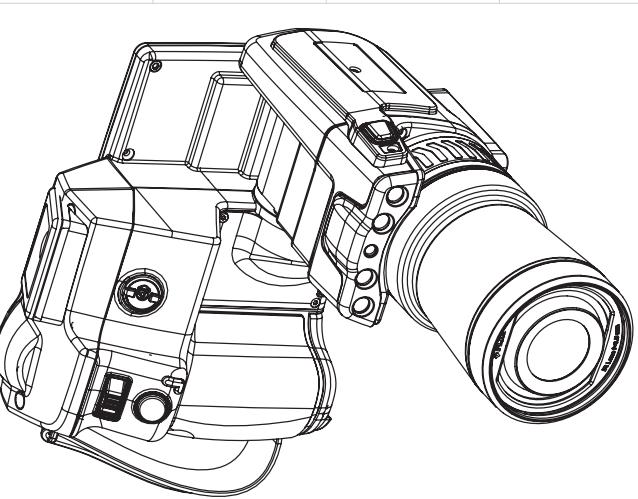
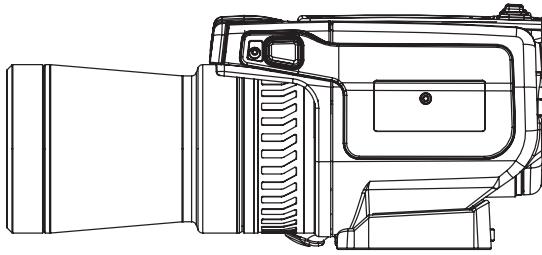
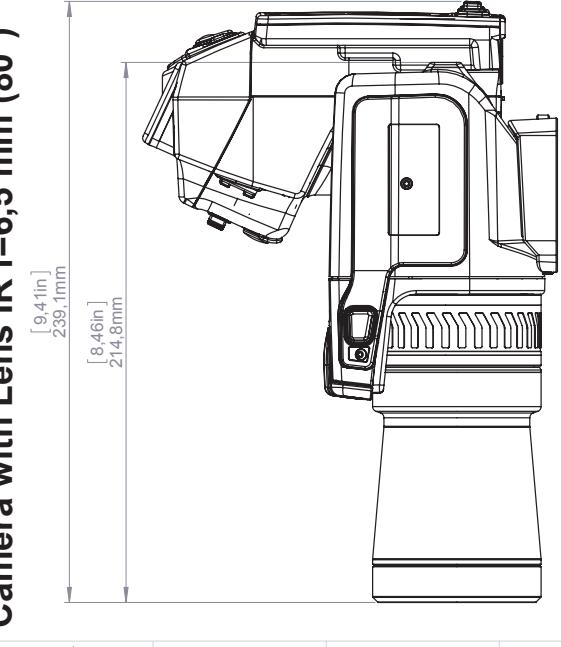
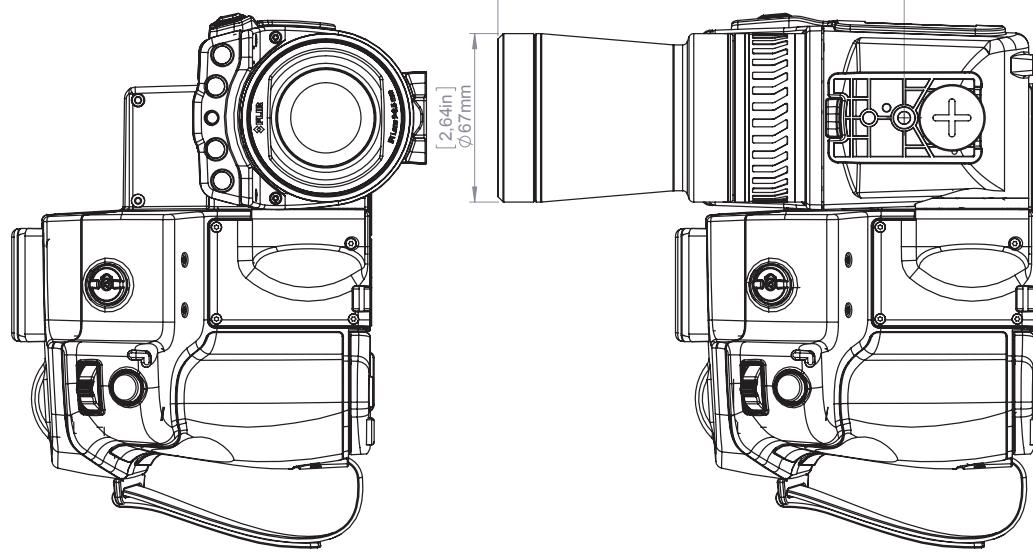
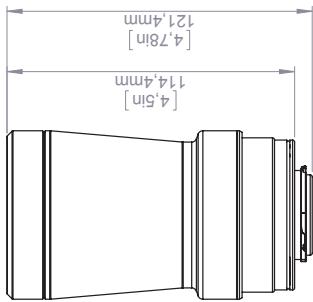
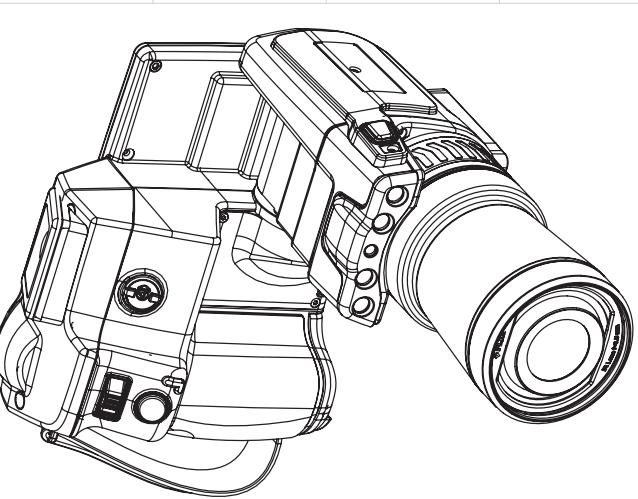
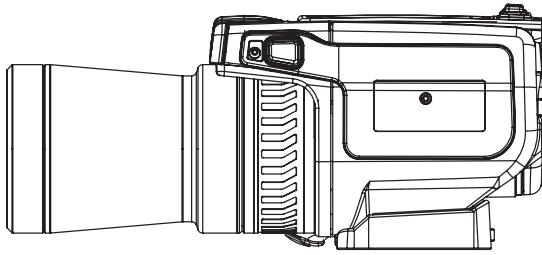
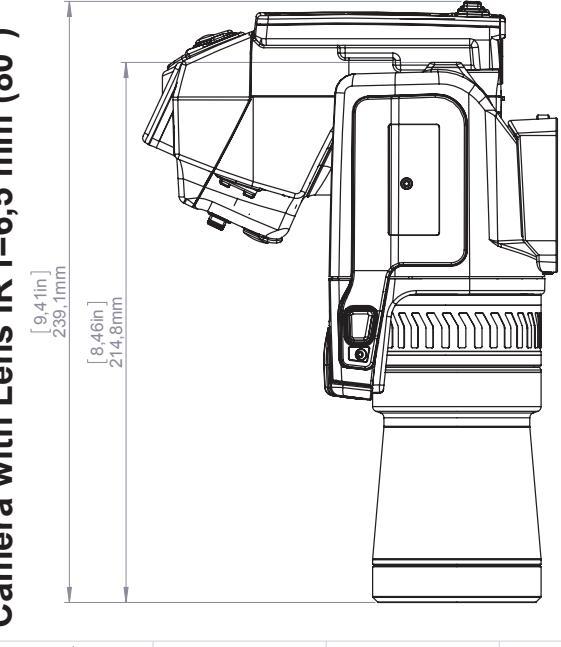
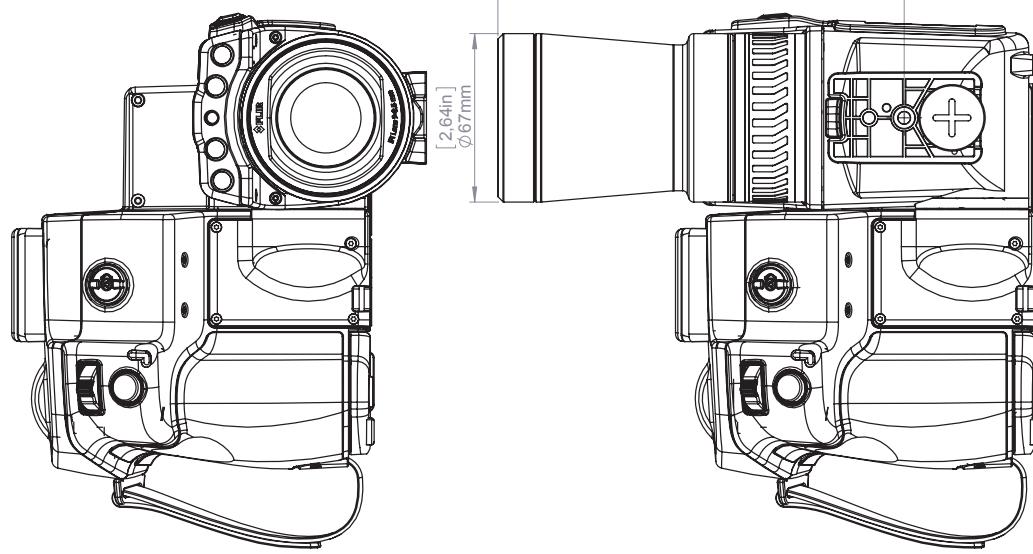
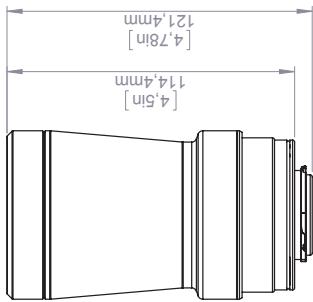
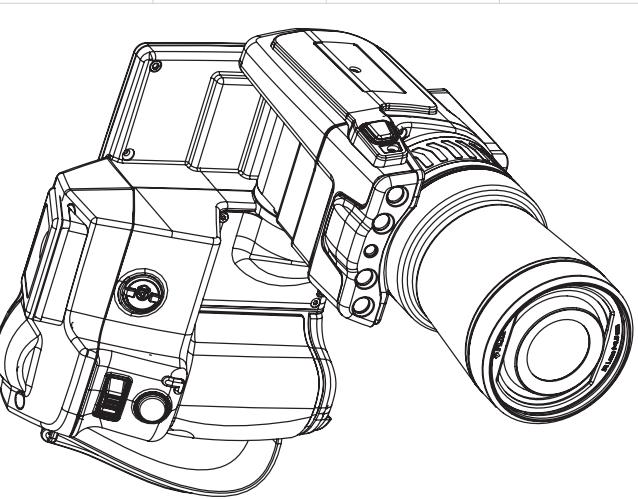
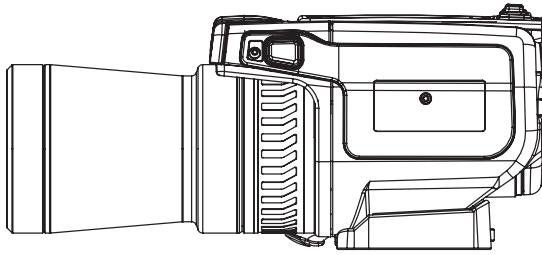
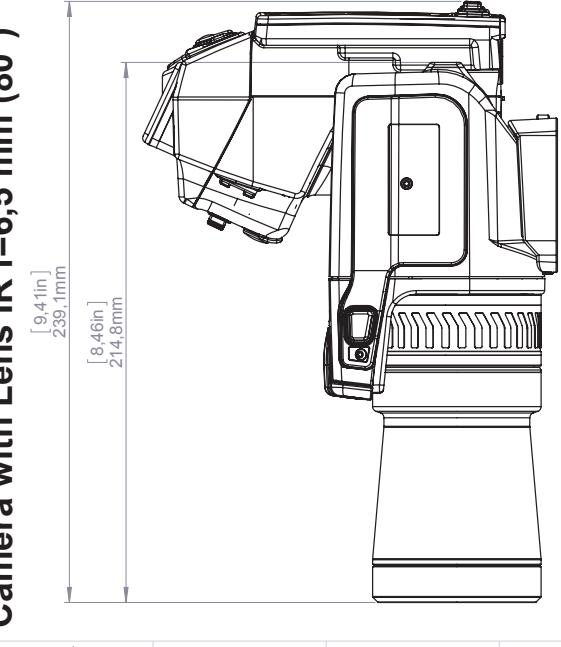
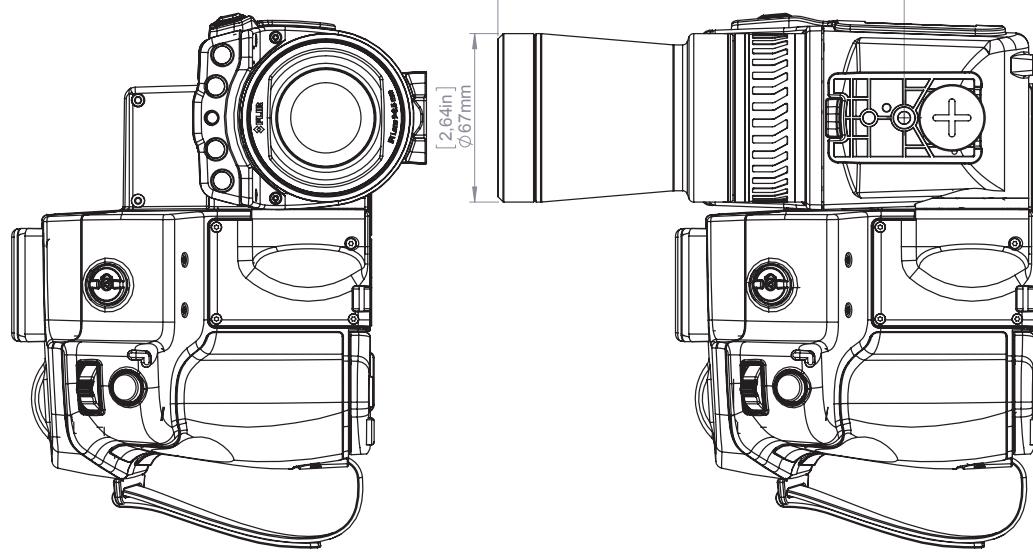
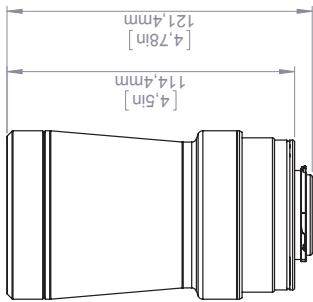
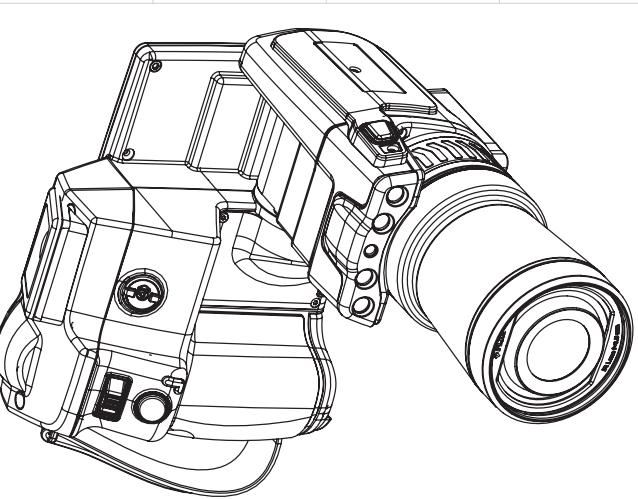
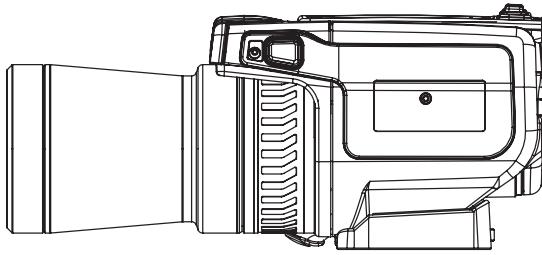
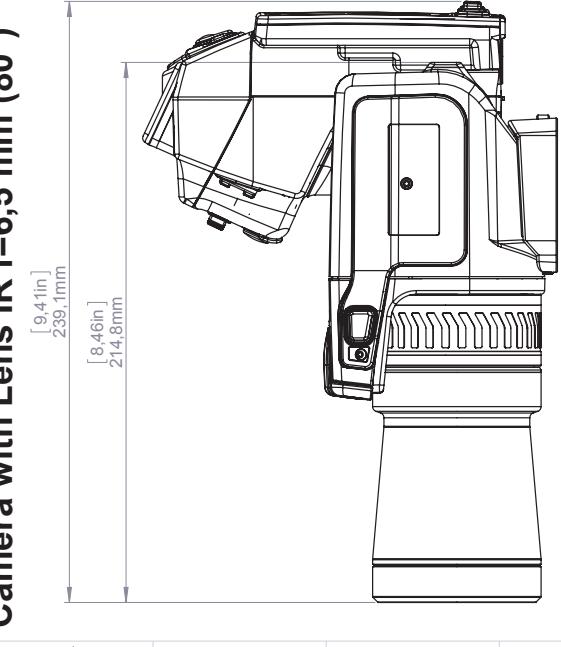
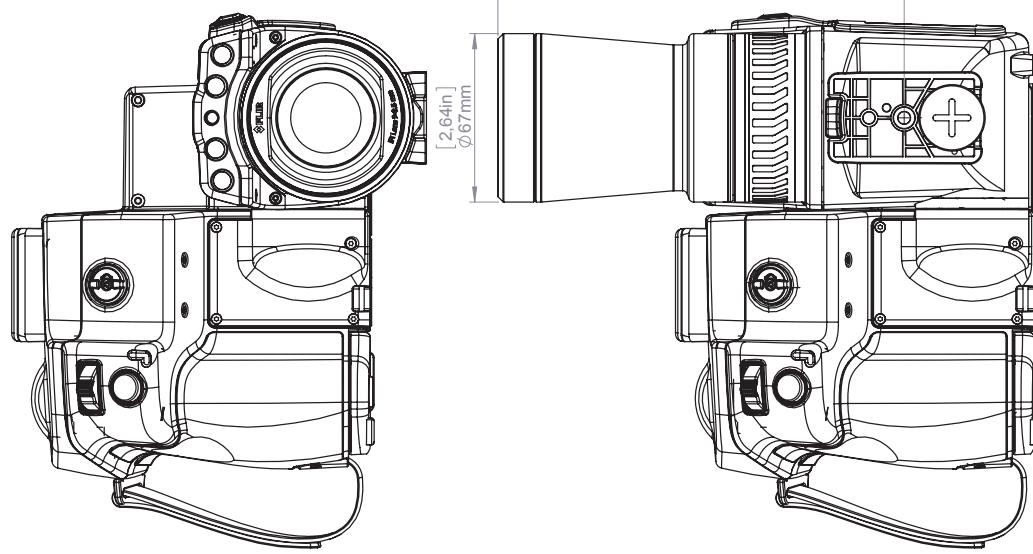
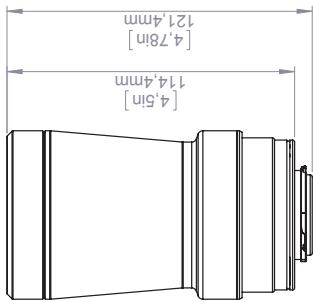
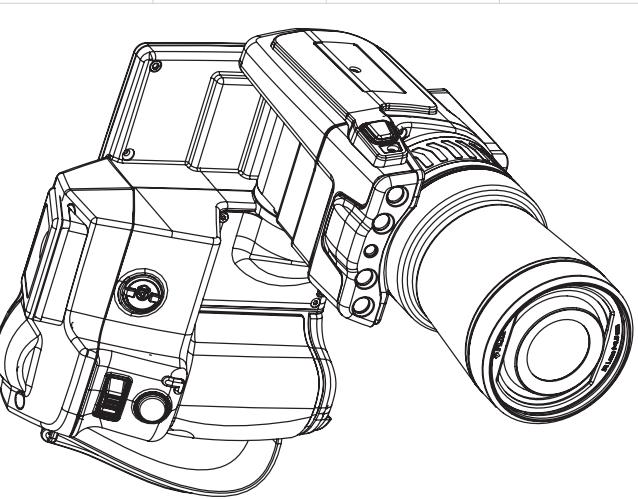
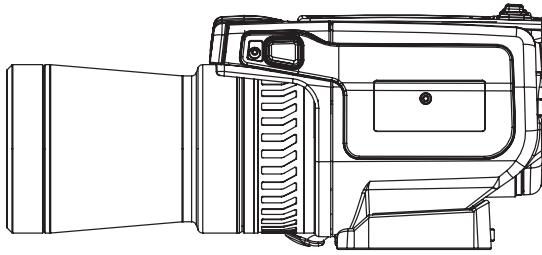
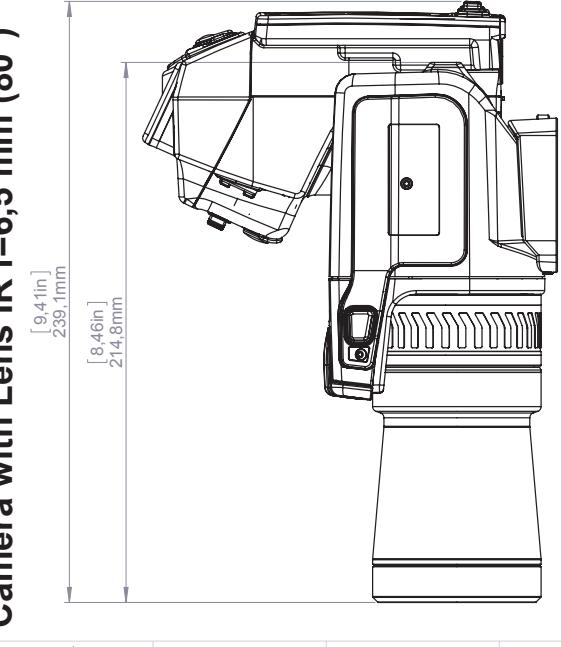
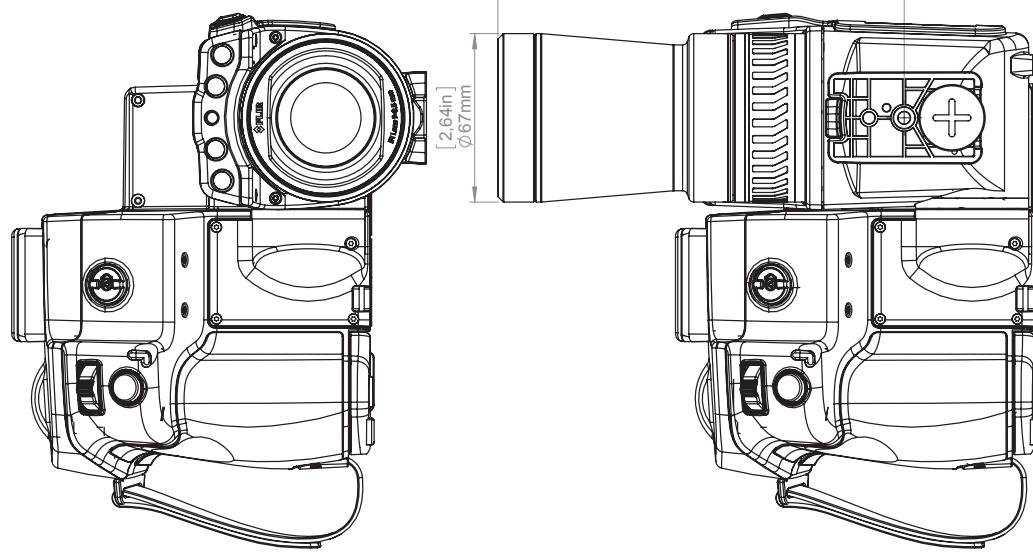
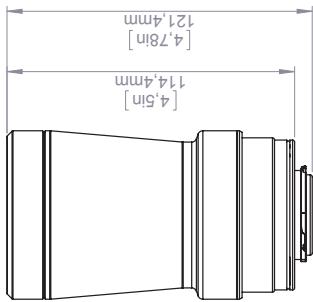
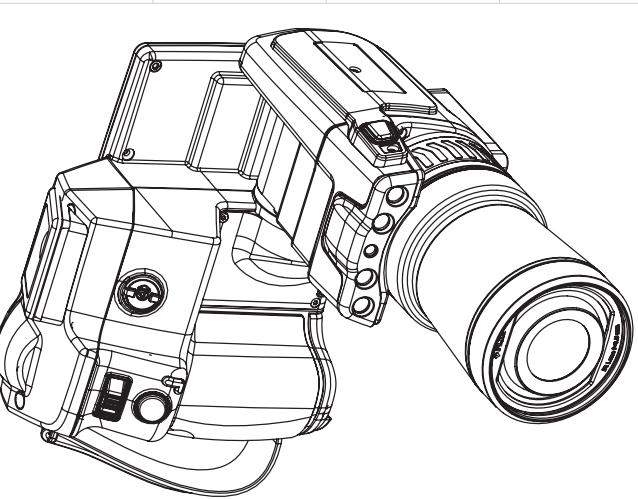
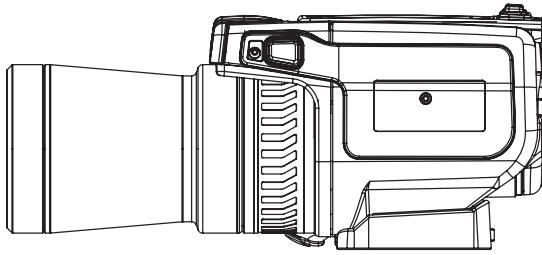
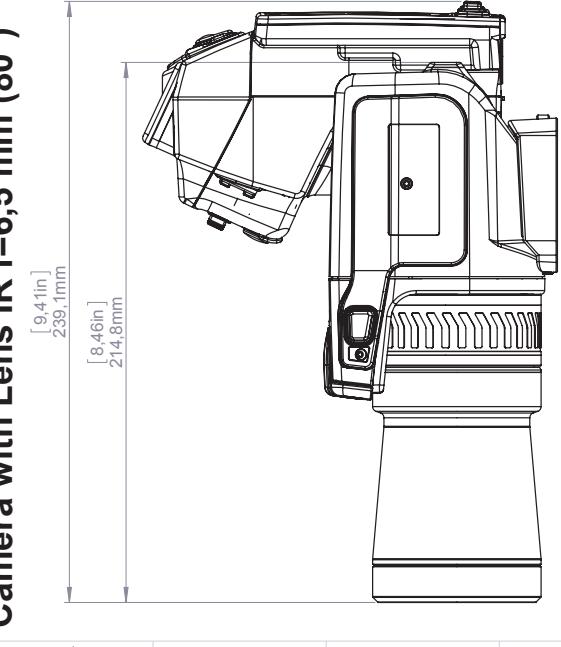
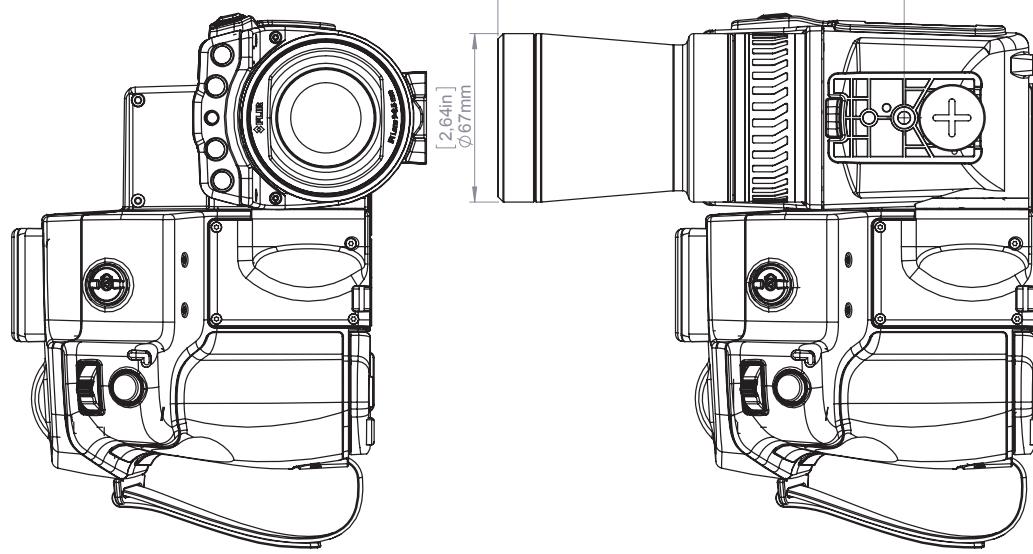
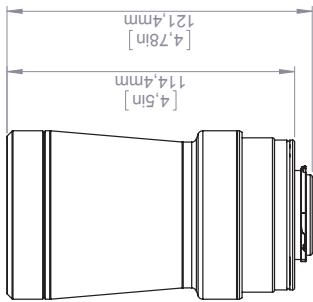
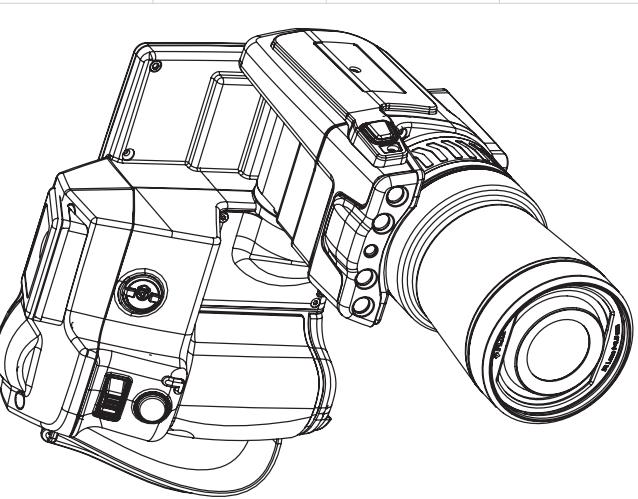
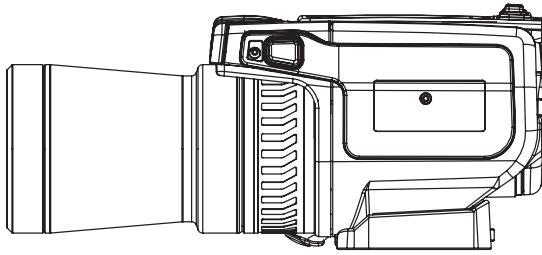
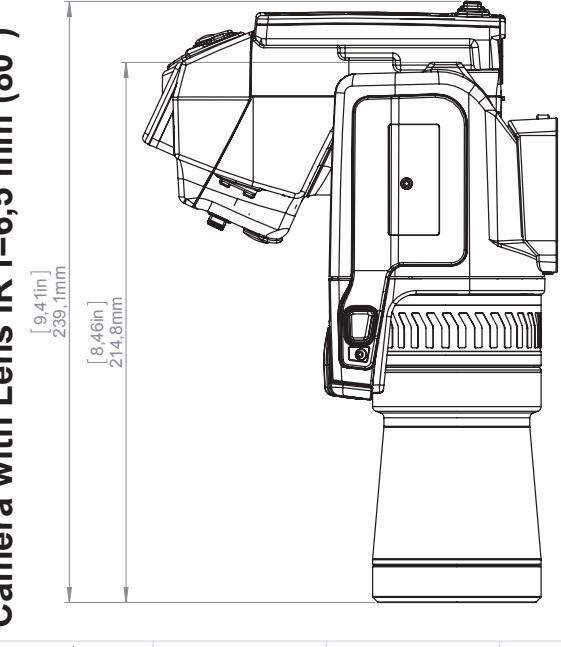
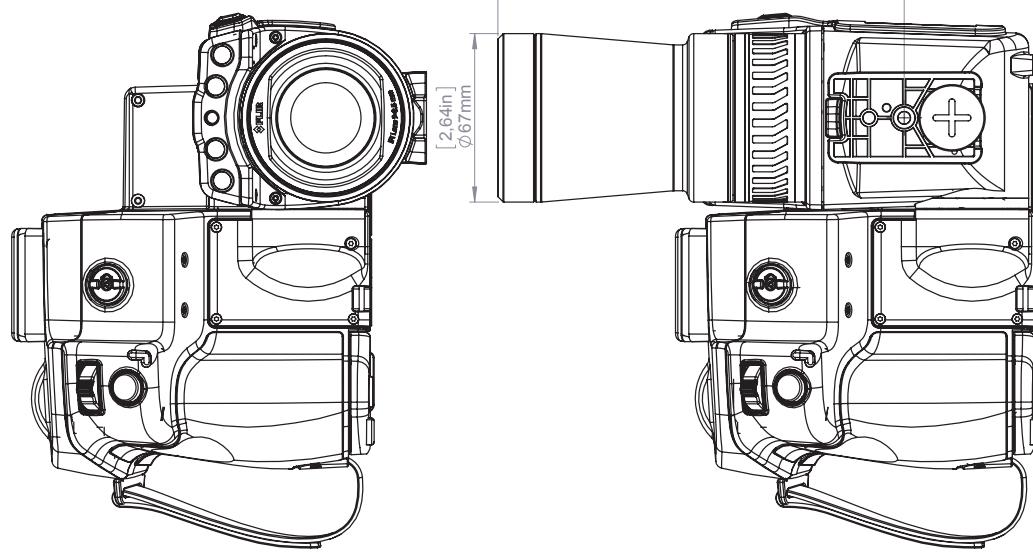
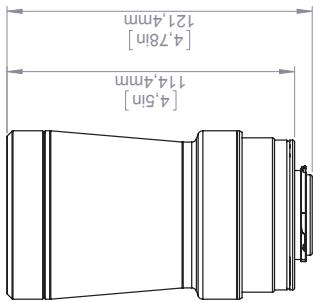
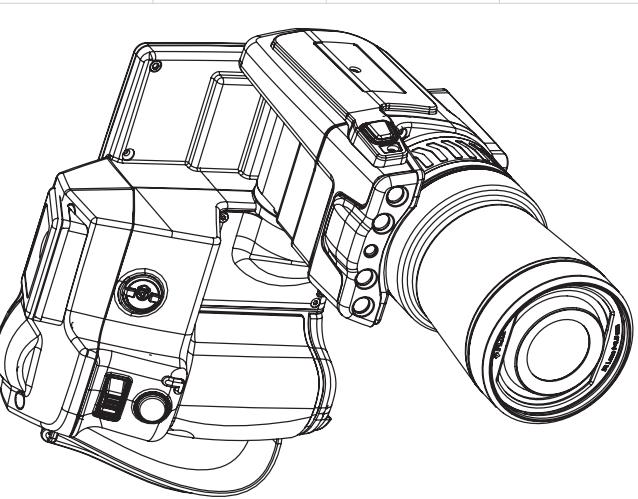
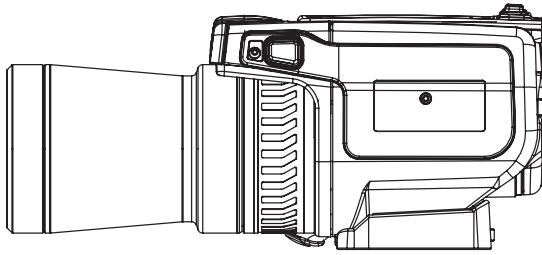
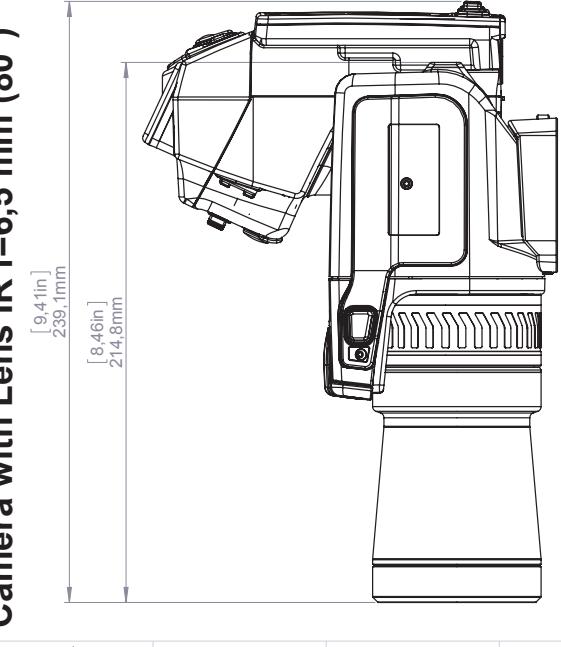
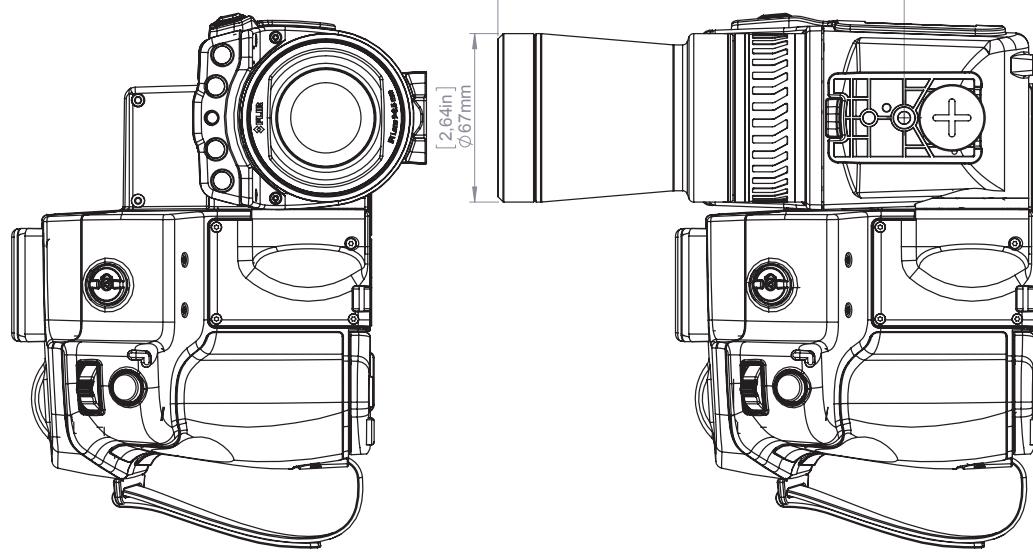
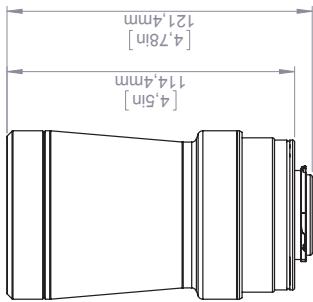
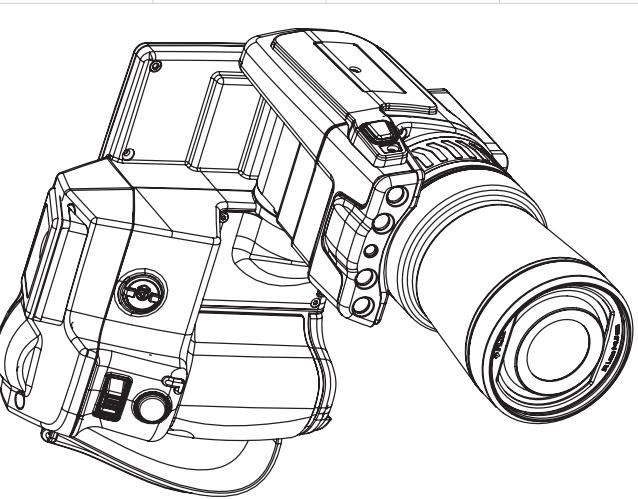
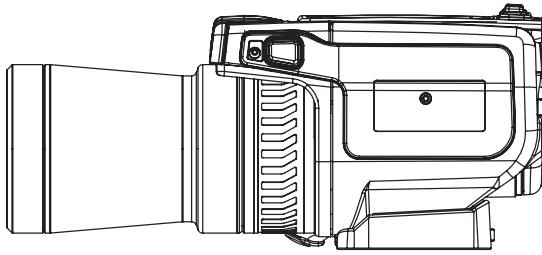
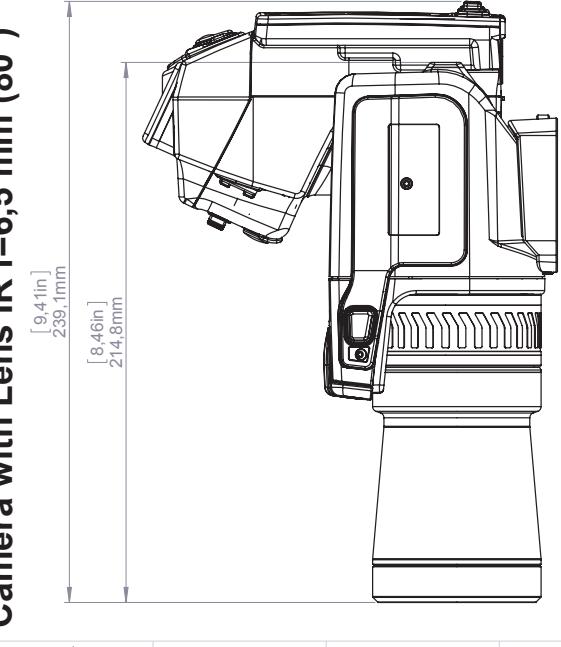
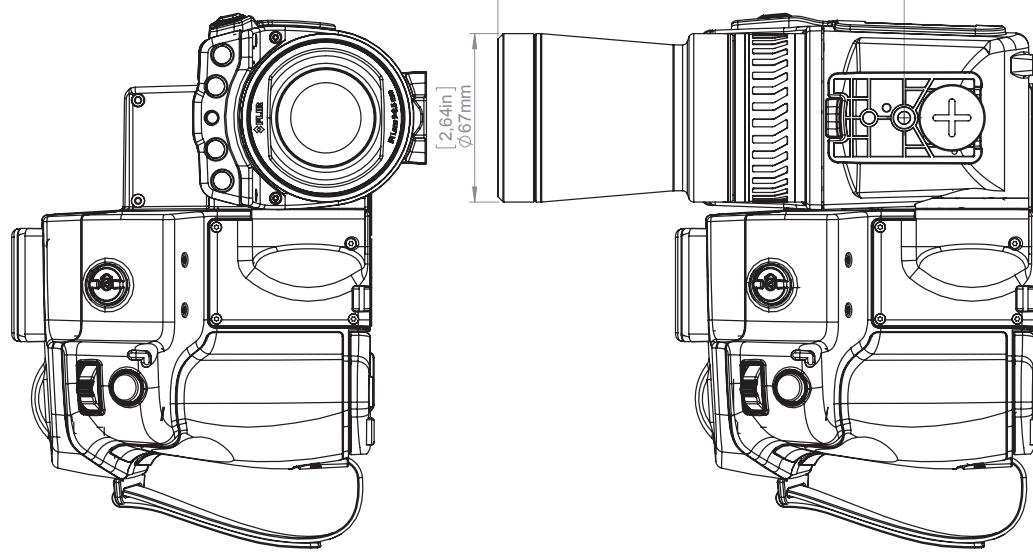
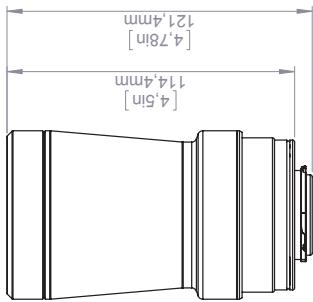
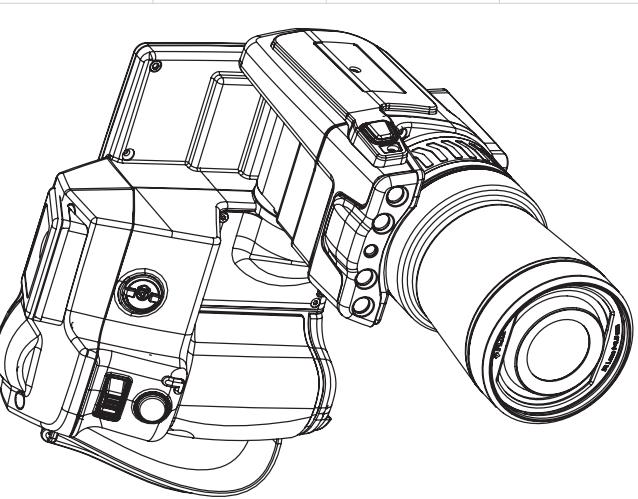
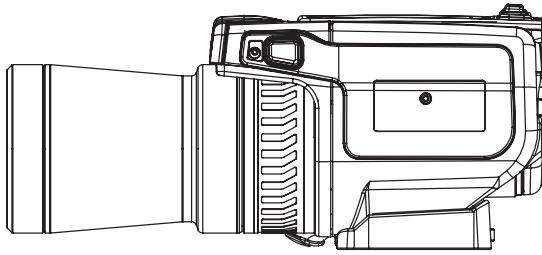
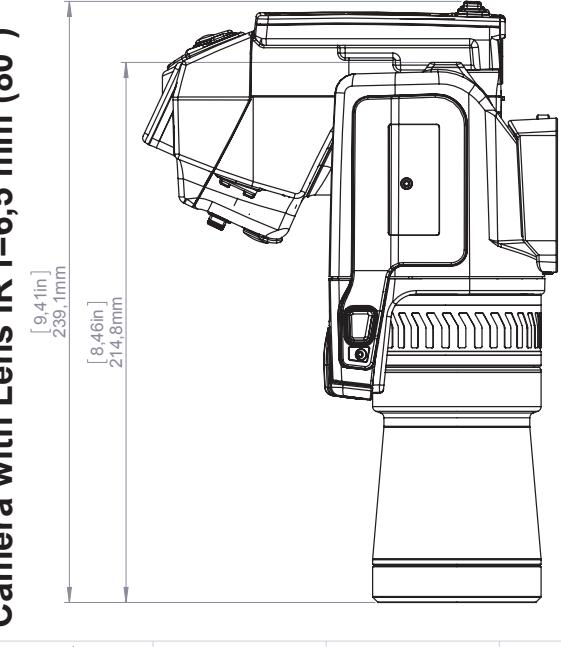
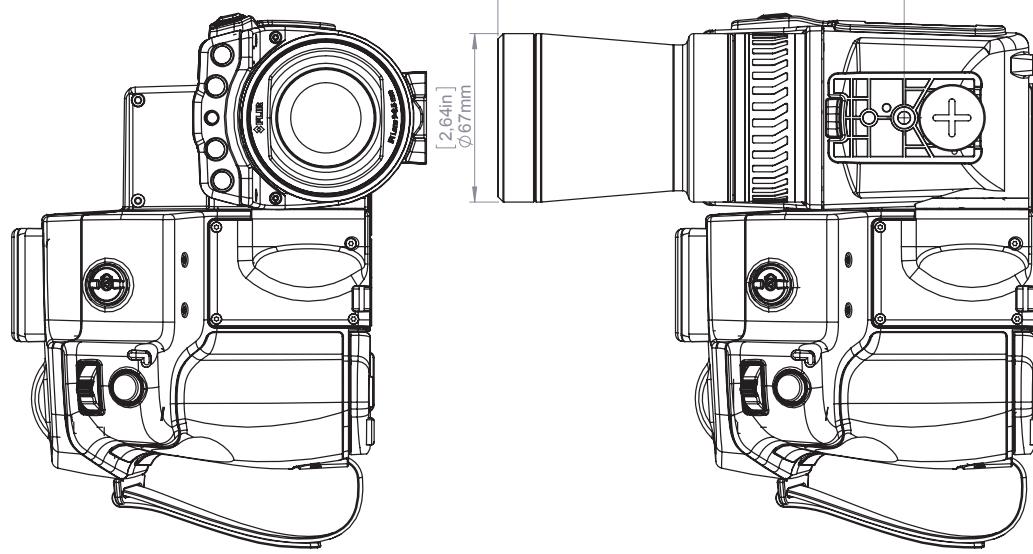
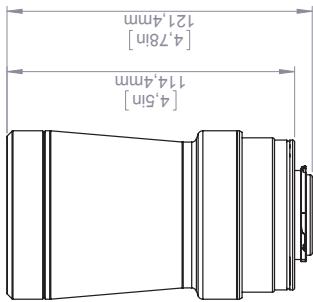
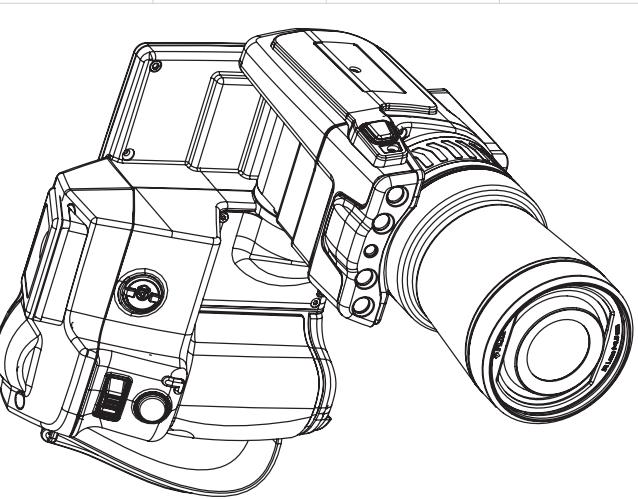
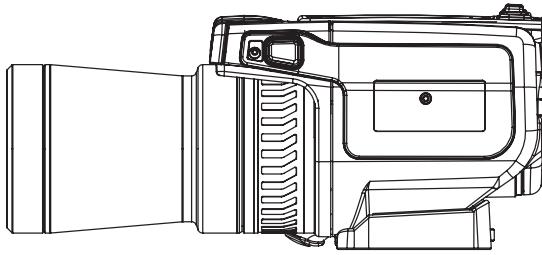
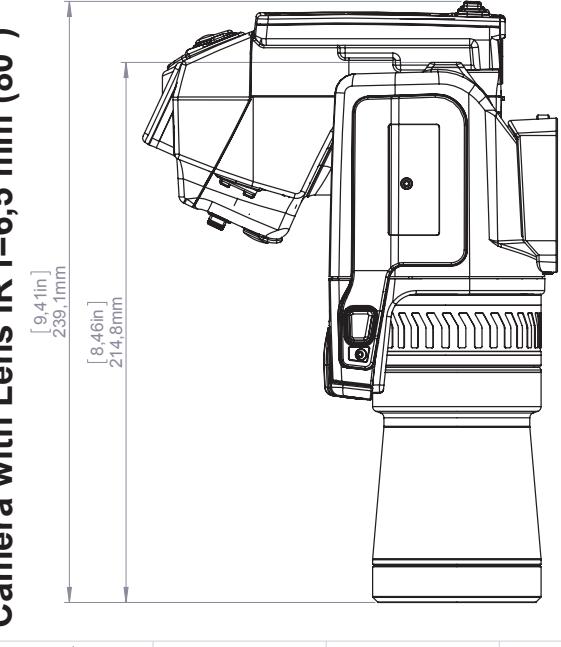
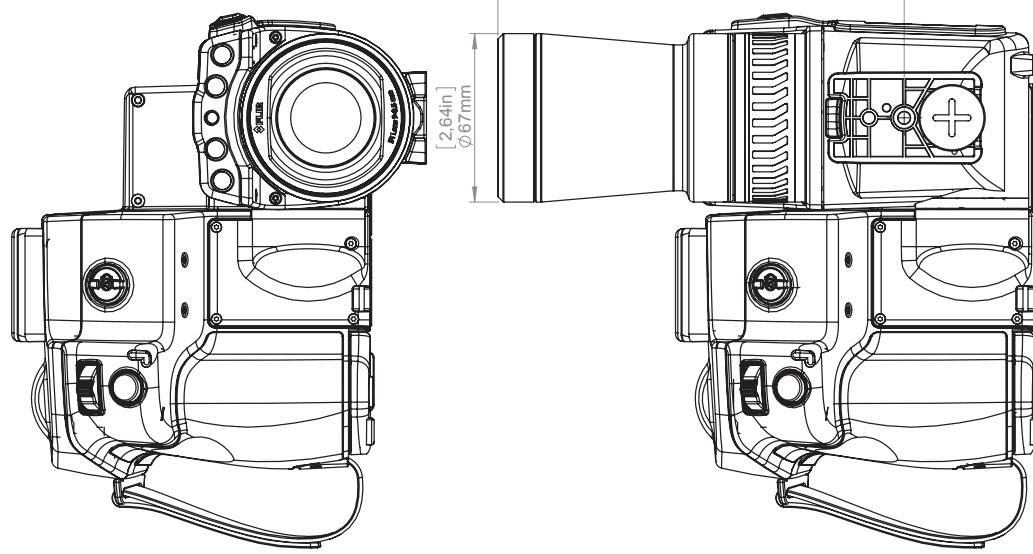
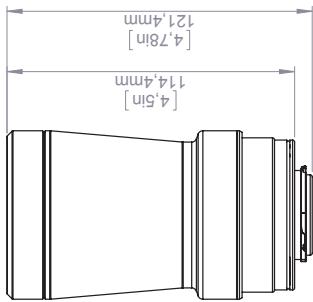
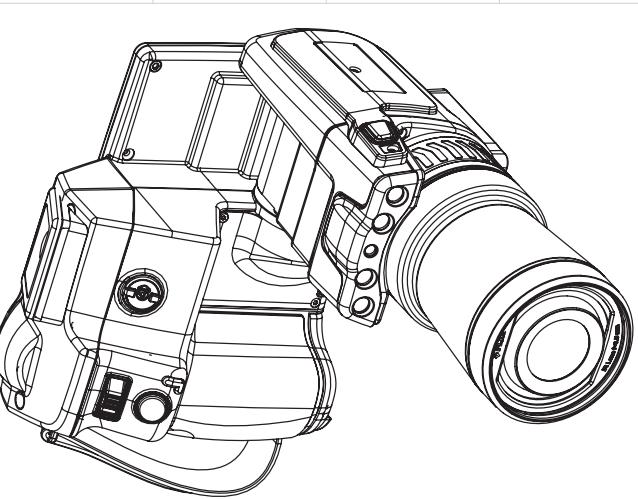
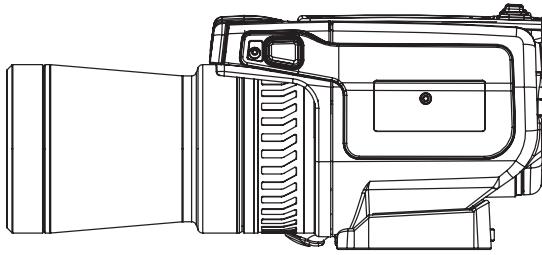
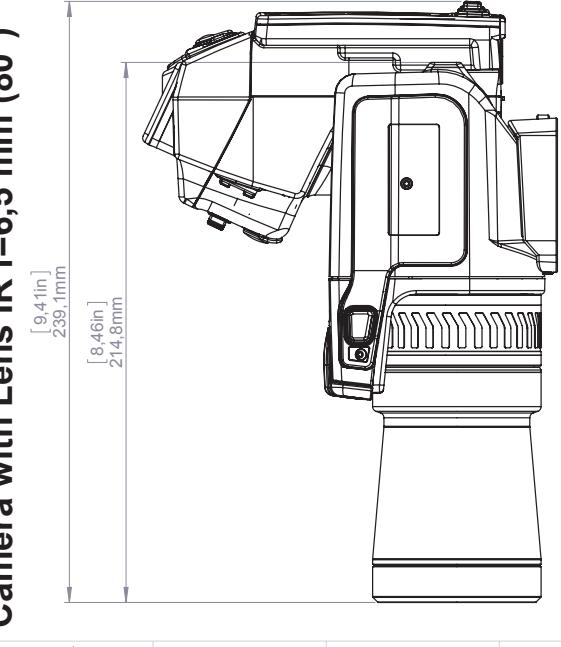
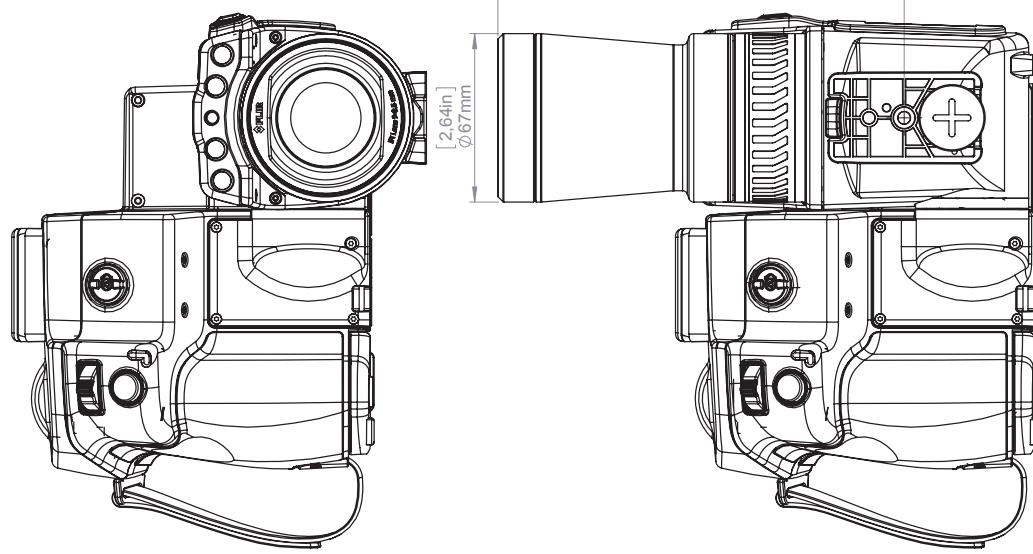
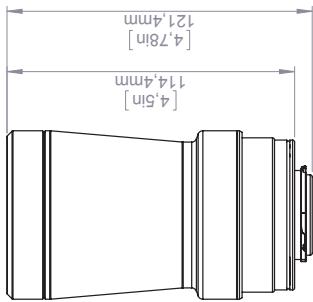
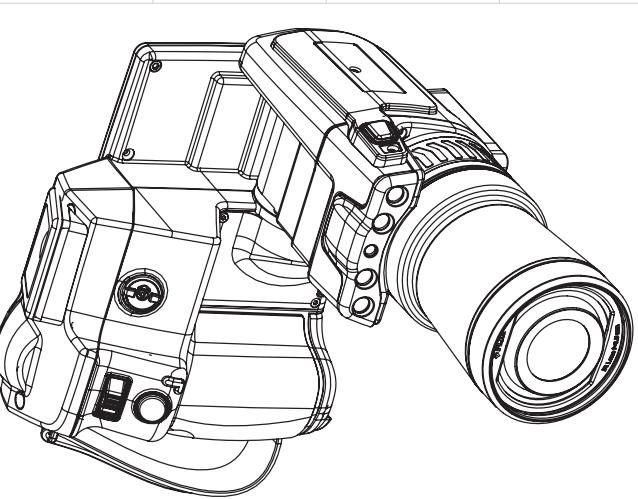
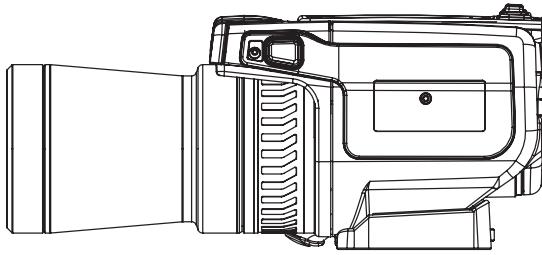
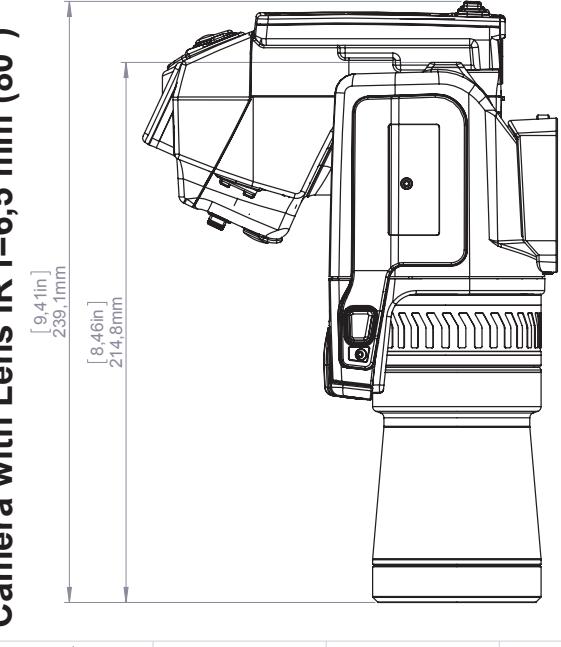
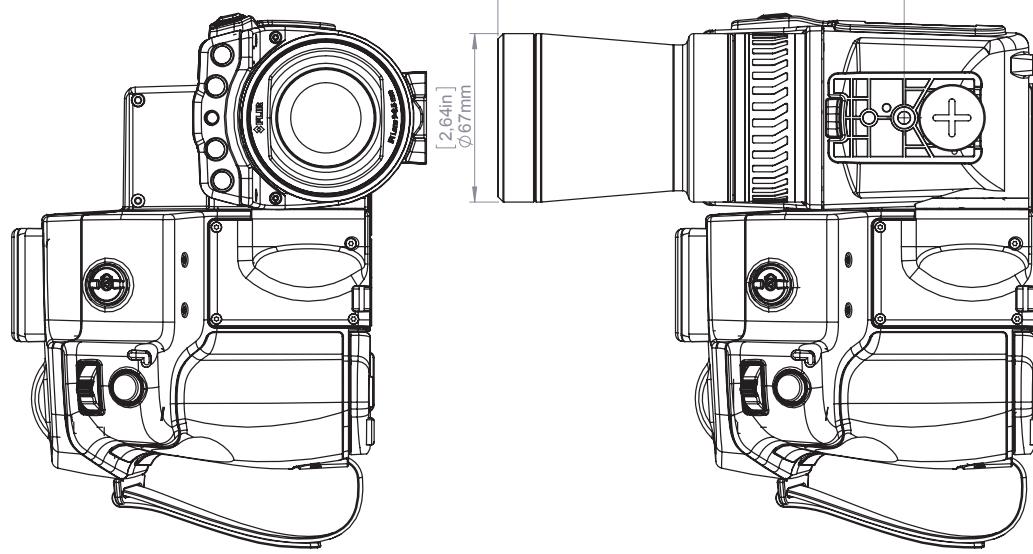
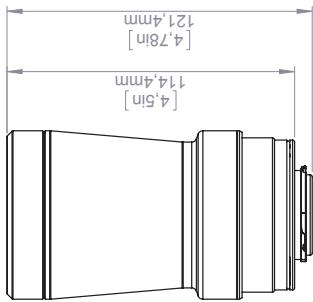
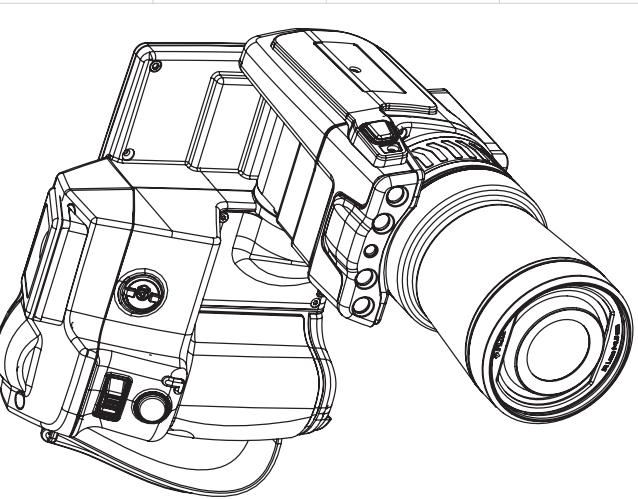
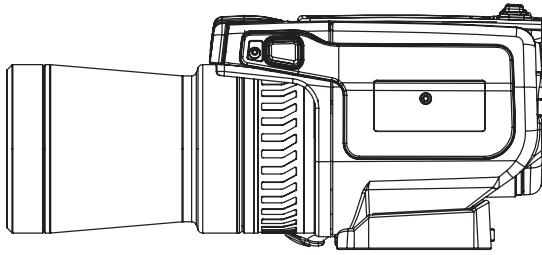
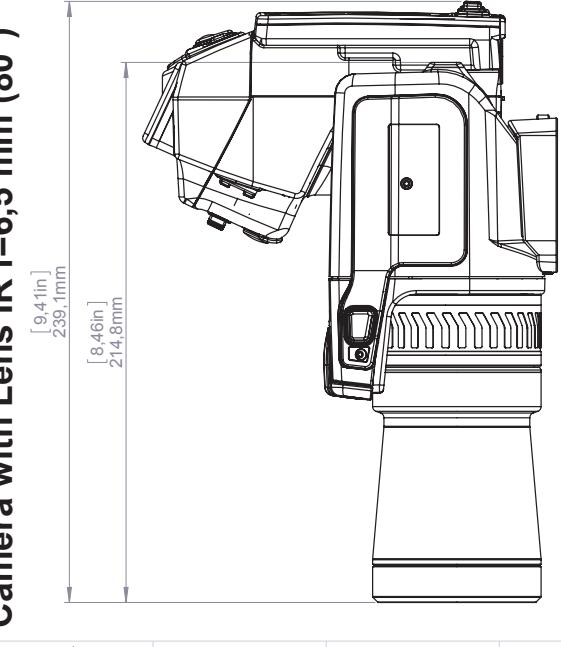
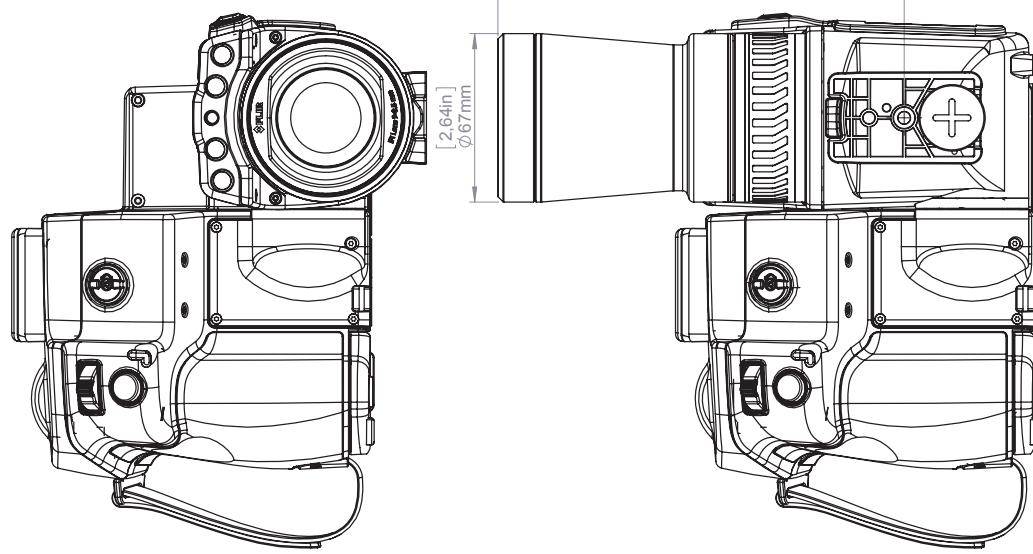
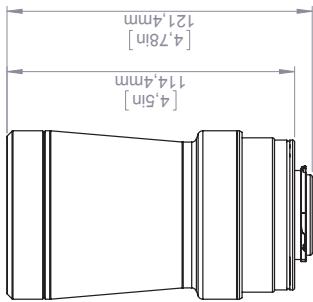
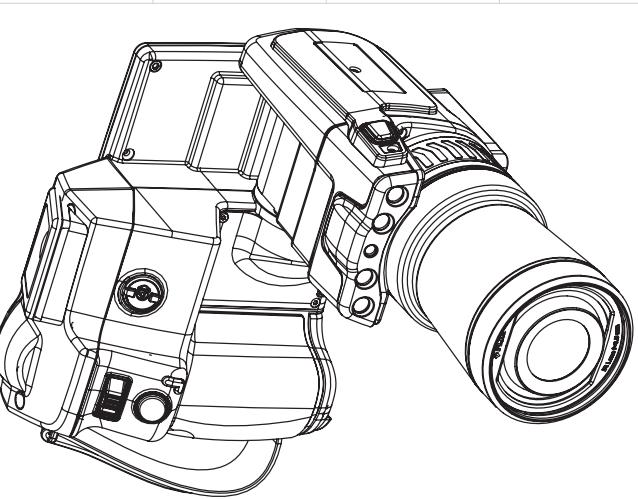
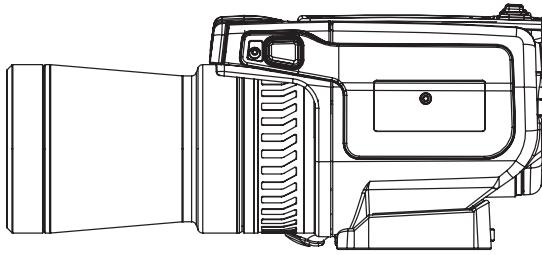
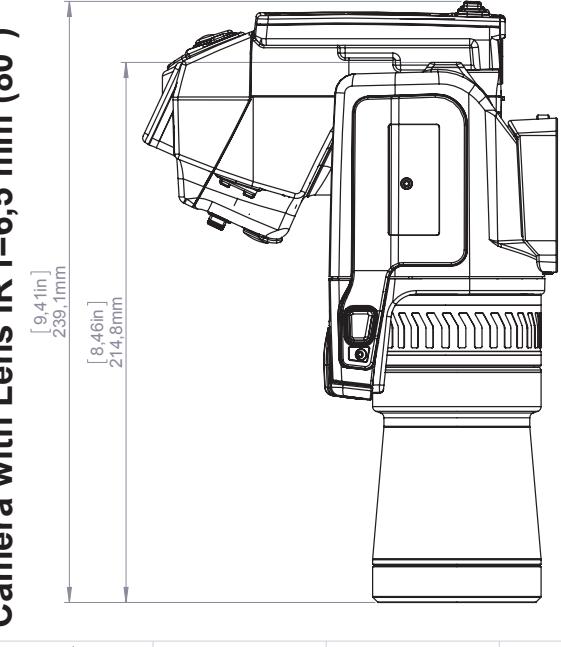
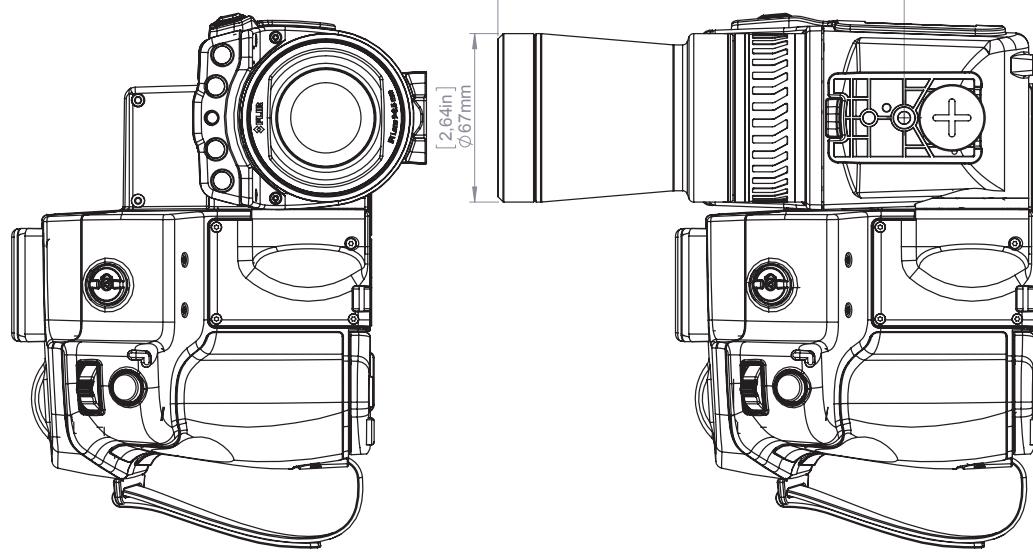
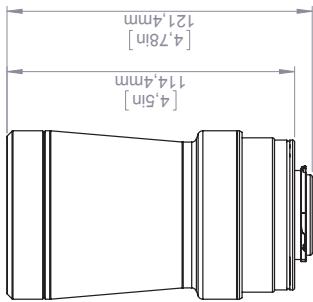
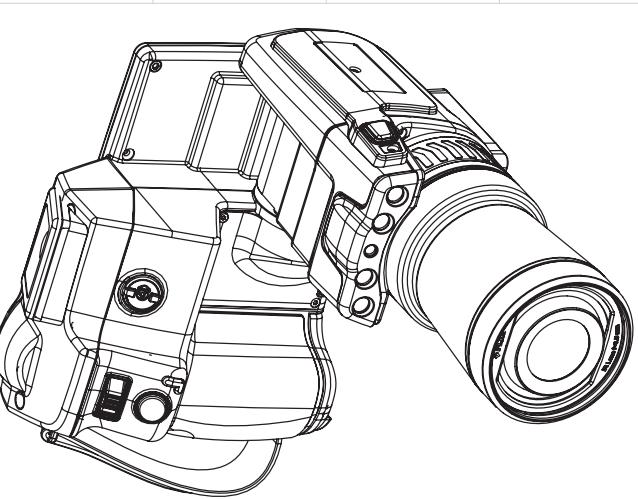
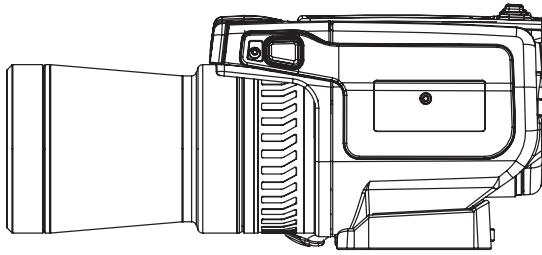
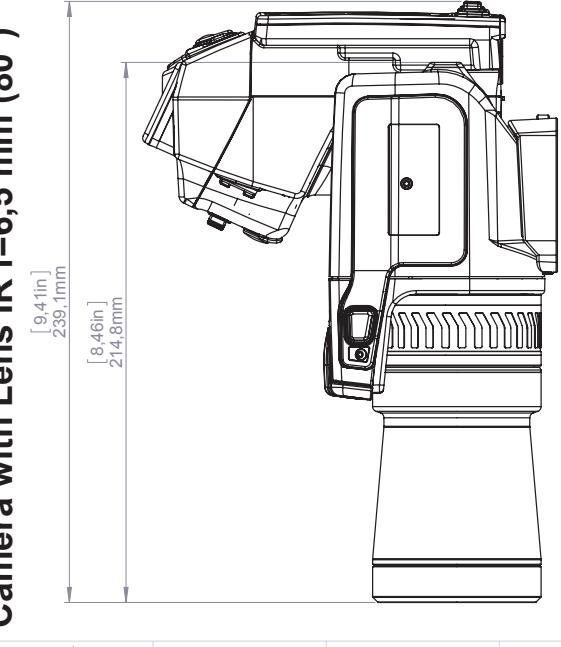
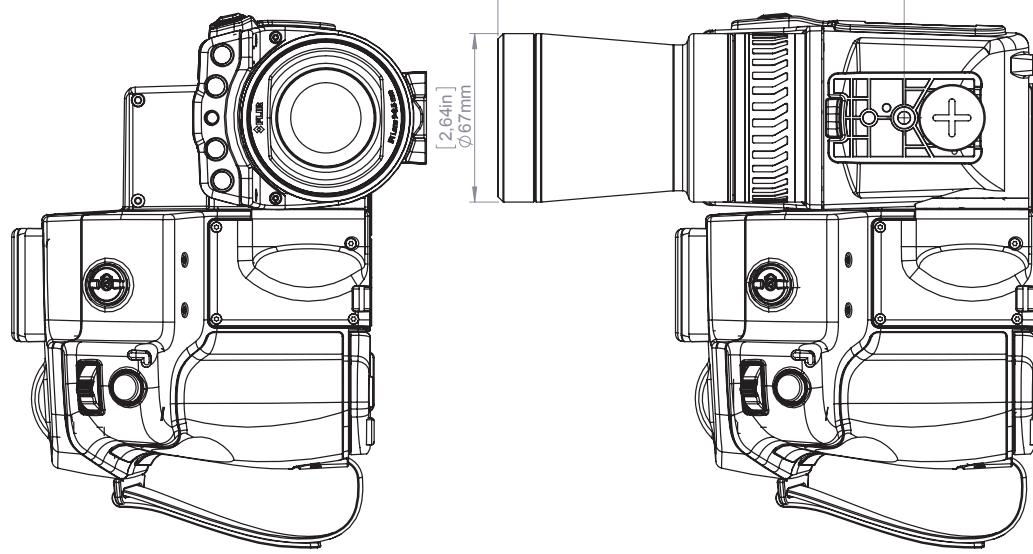
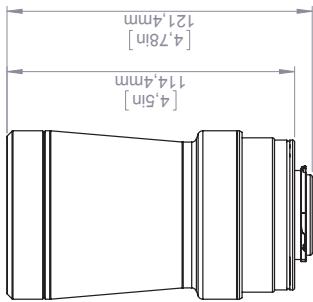
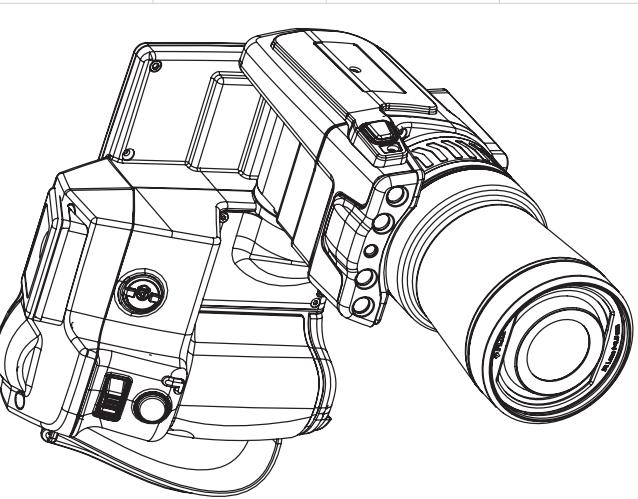
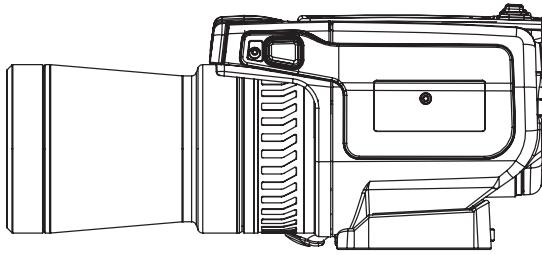
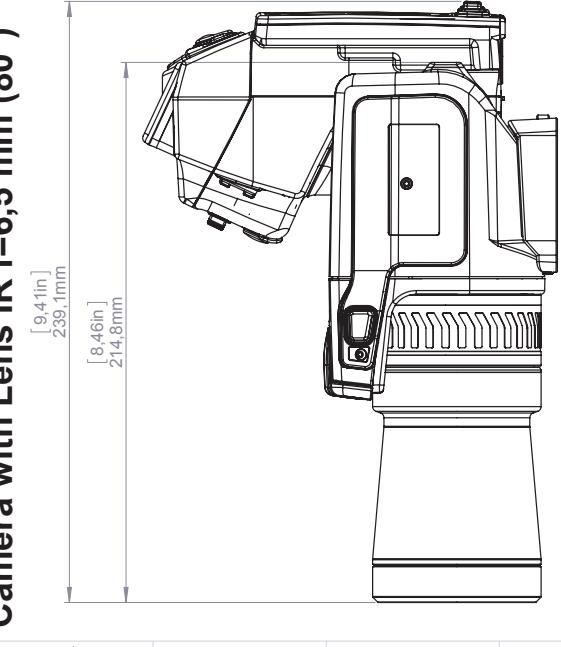
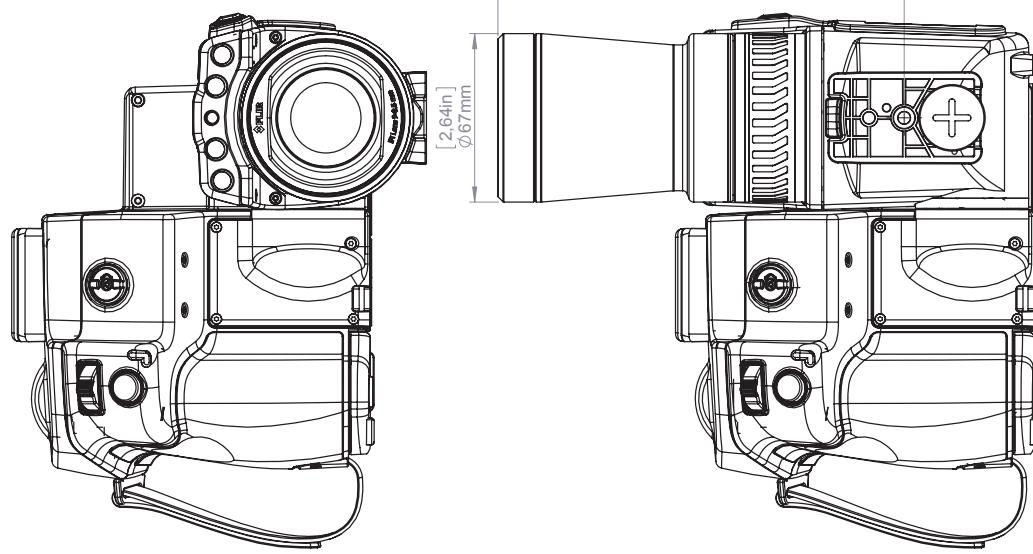
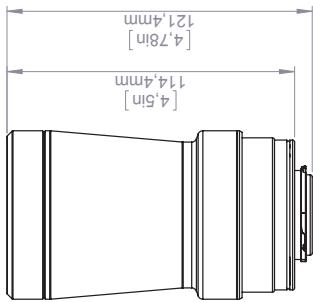
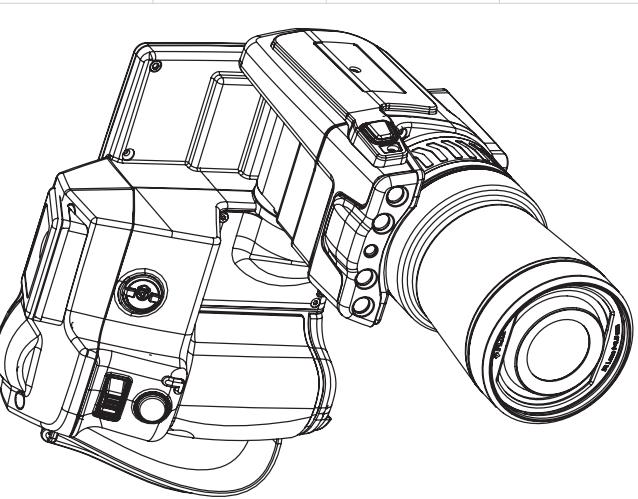
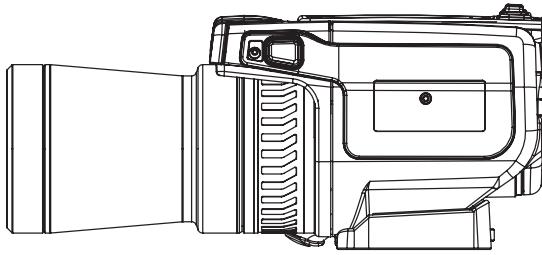
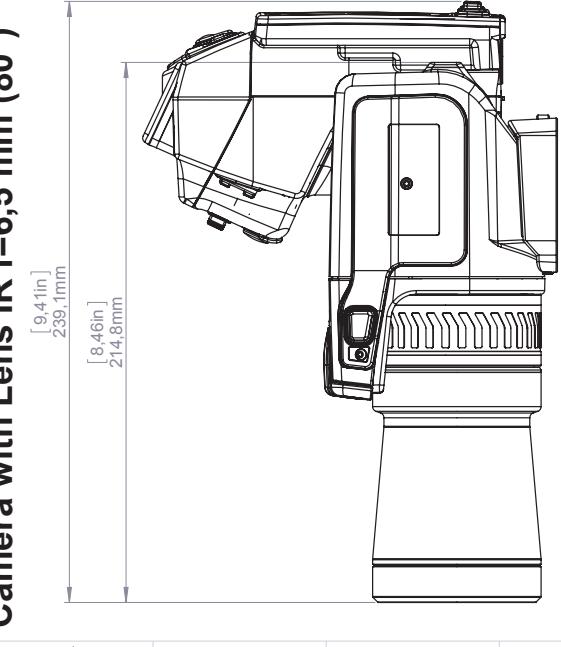
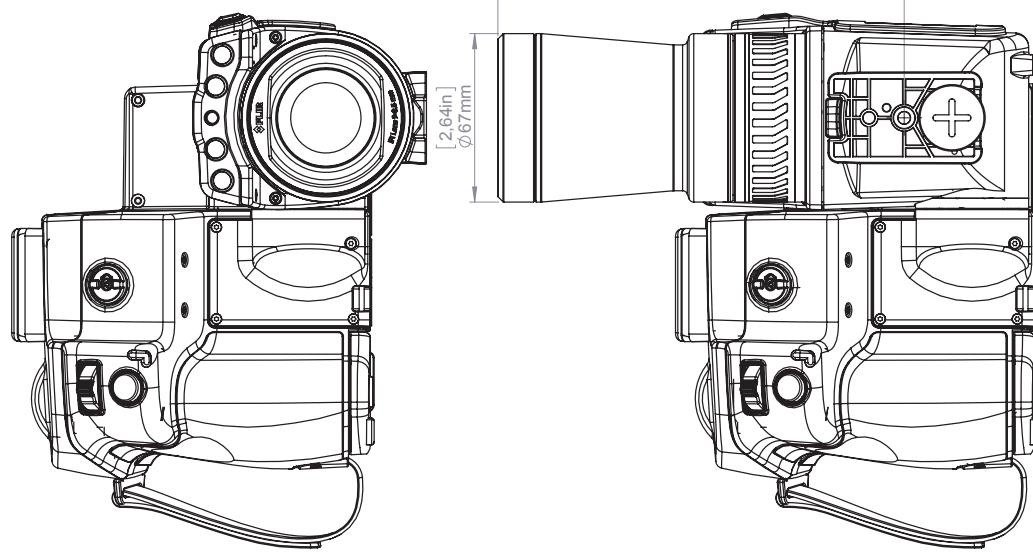
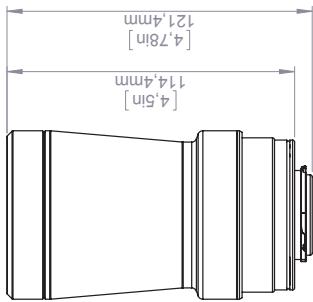
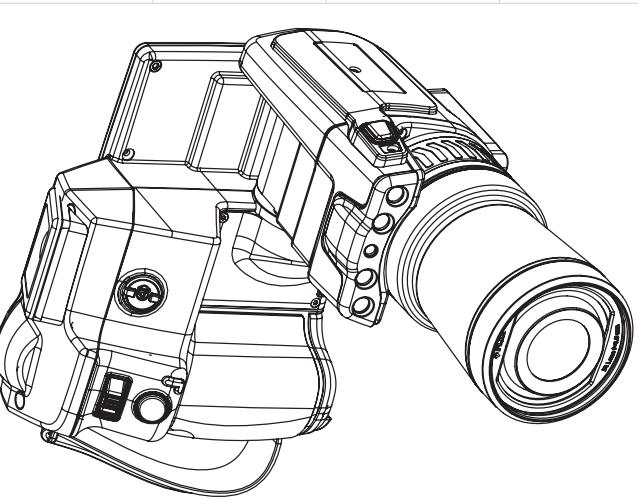
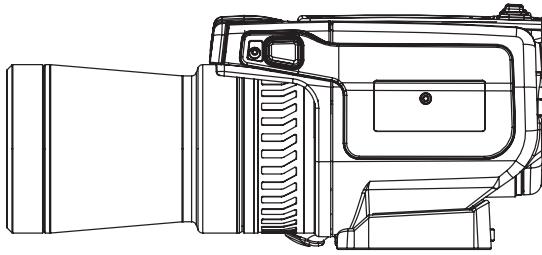
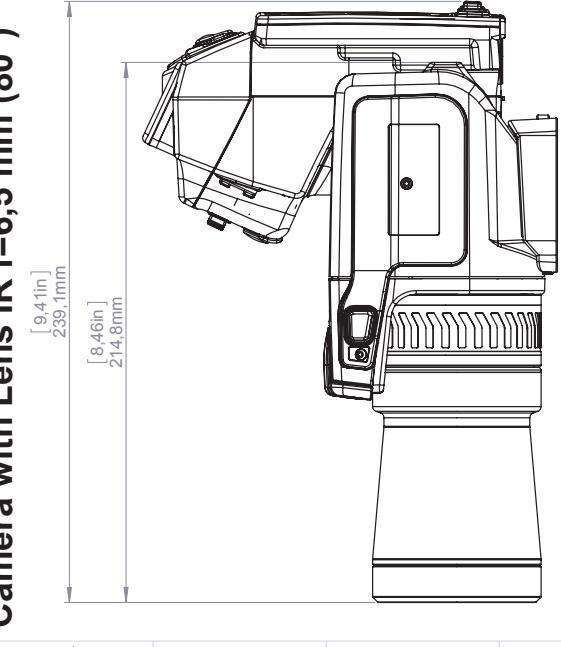
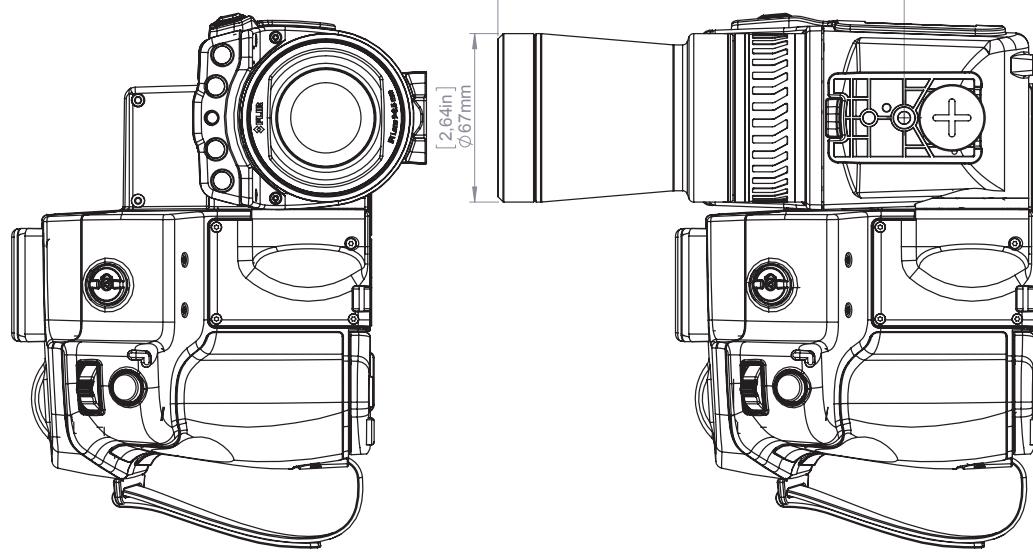
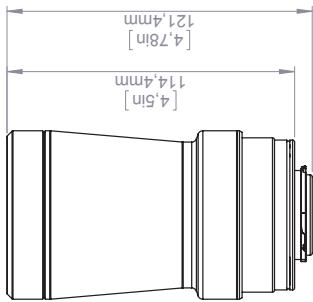
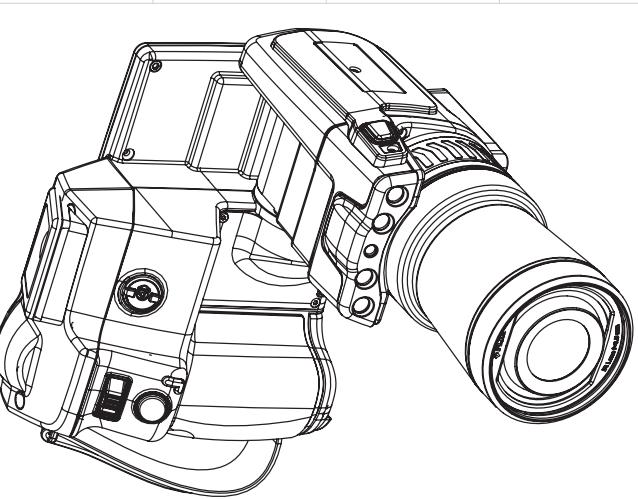
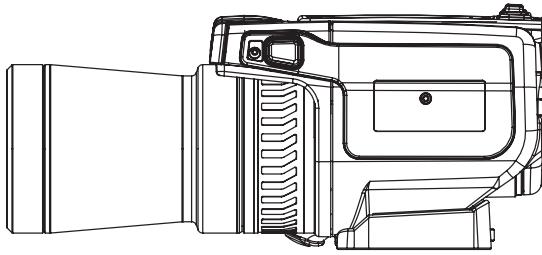
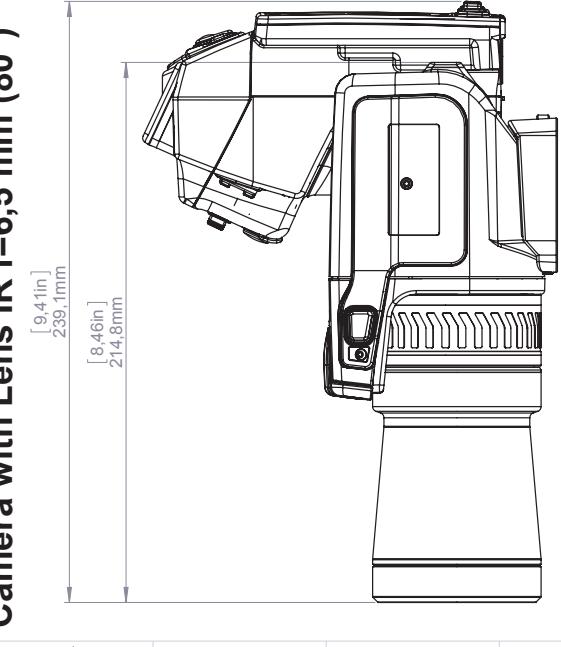
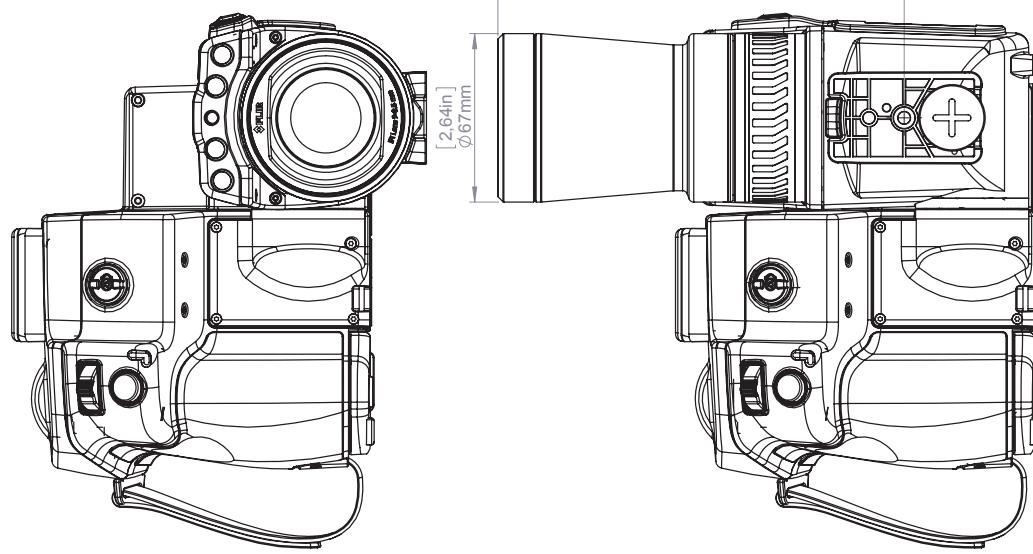
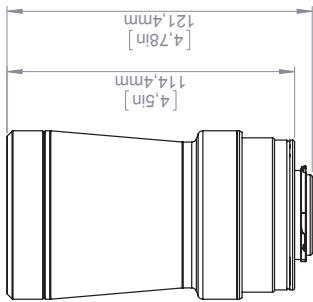
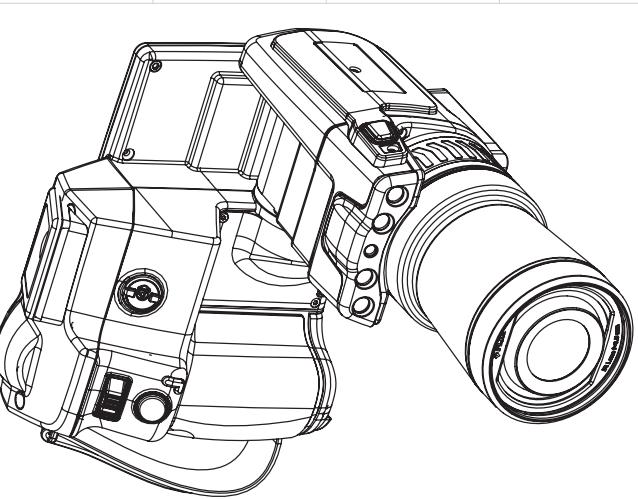
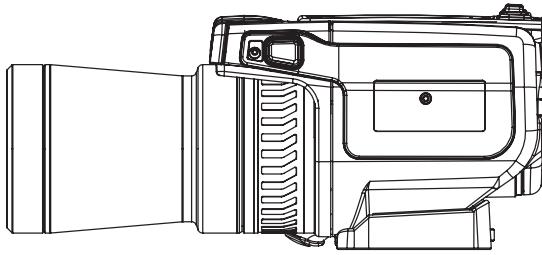
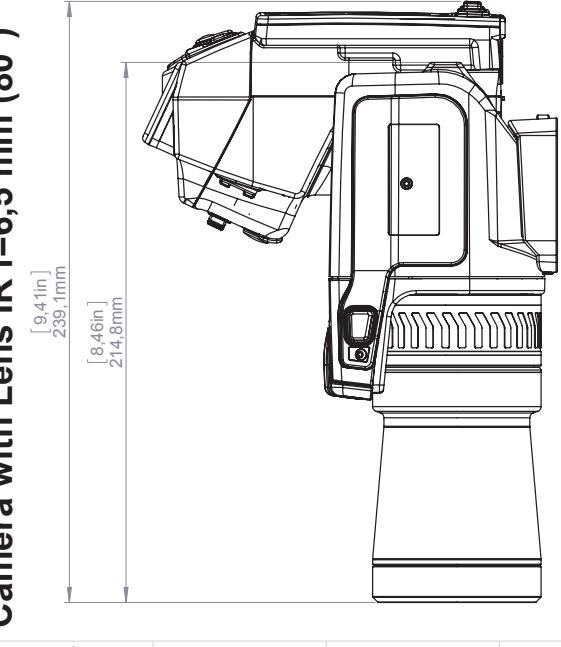
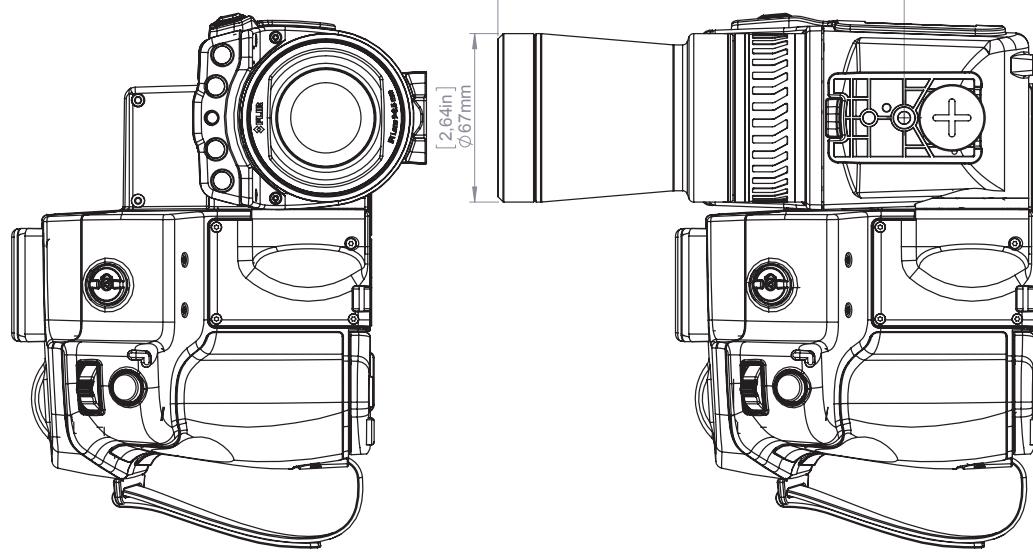
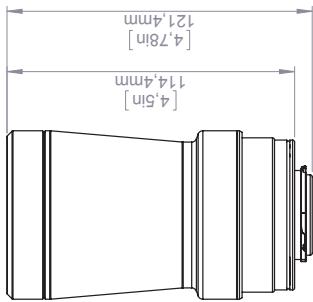
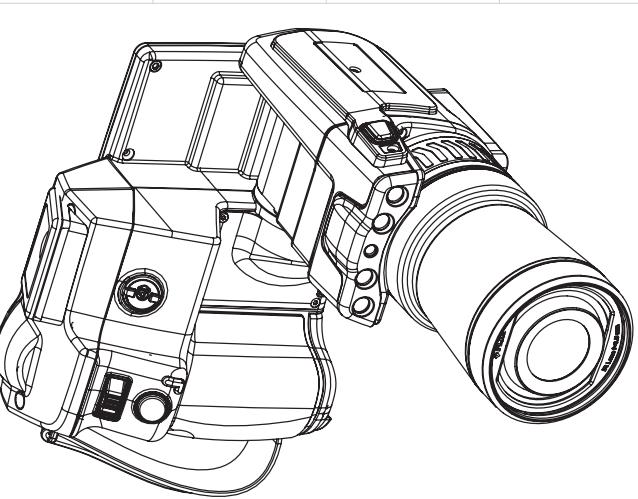
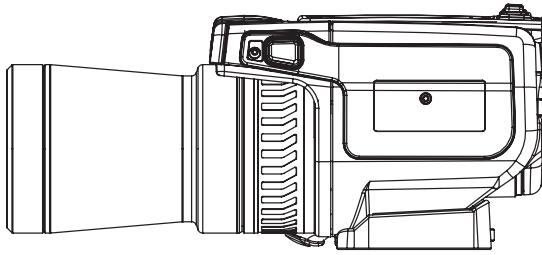
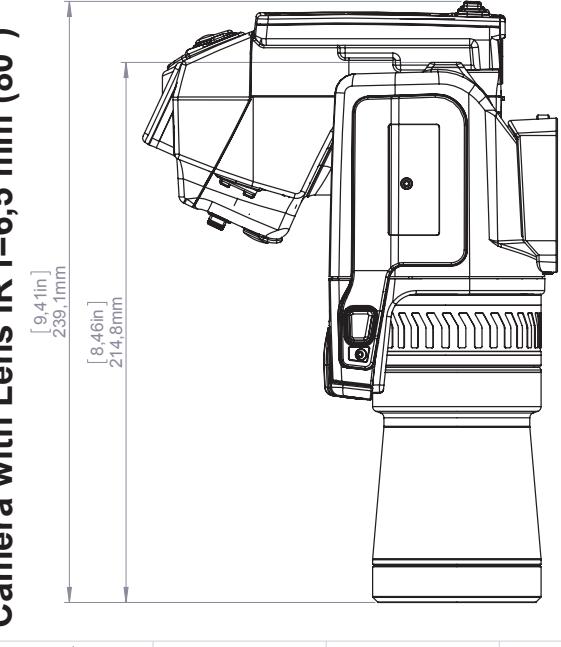
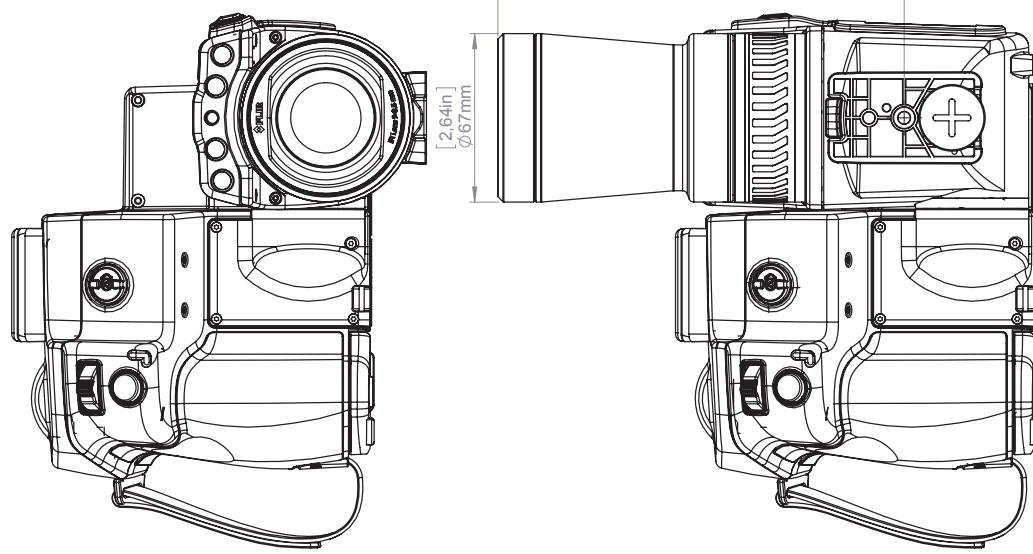
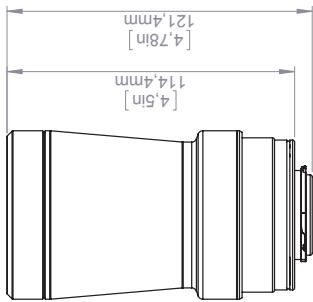
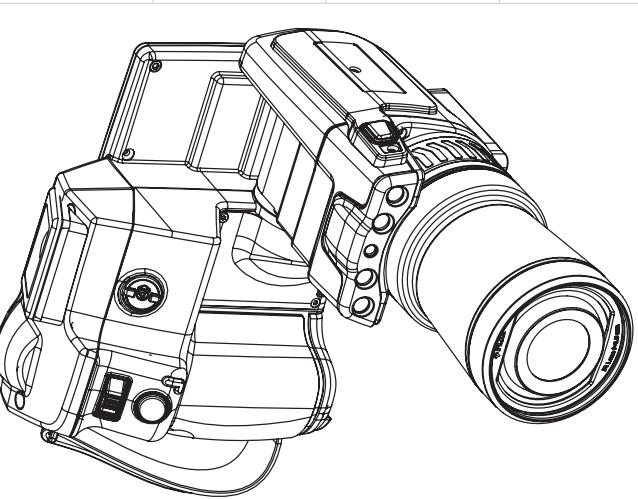
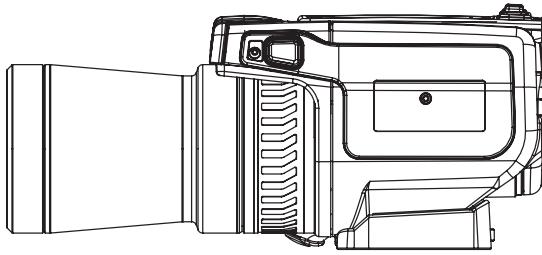
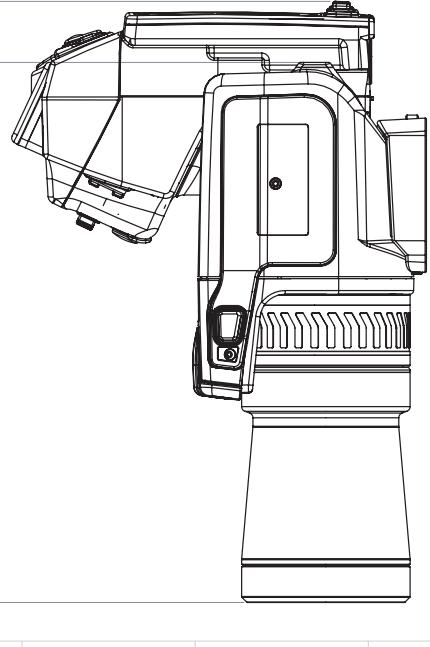


For additional dimensions see page 1

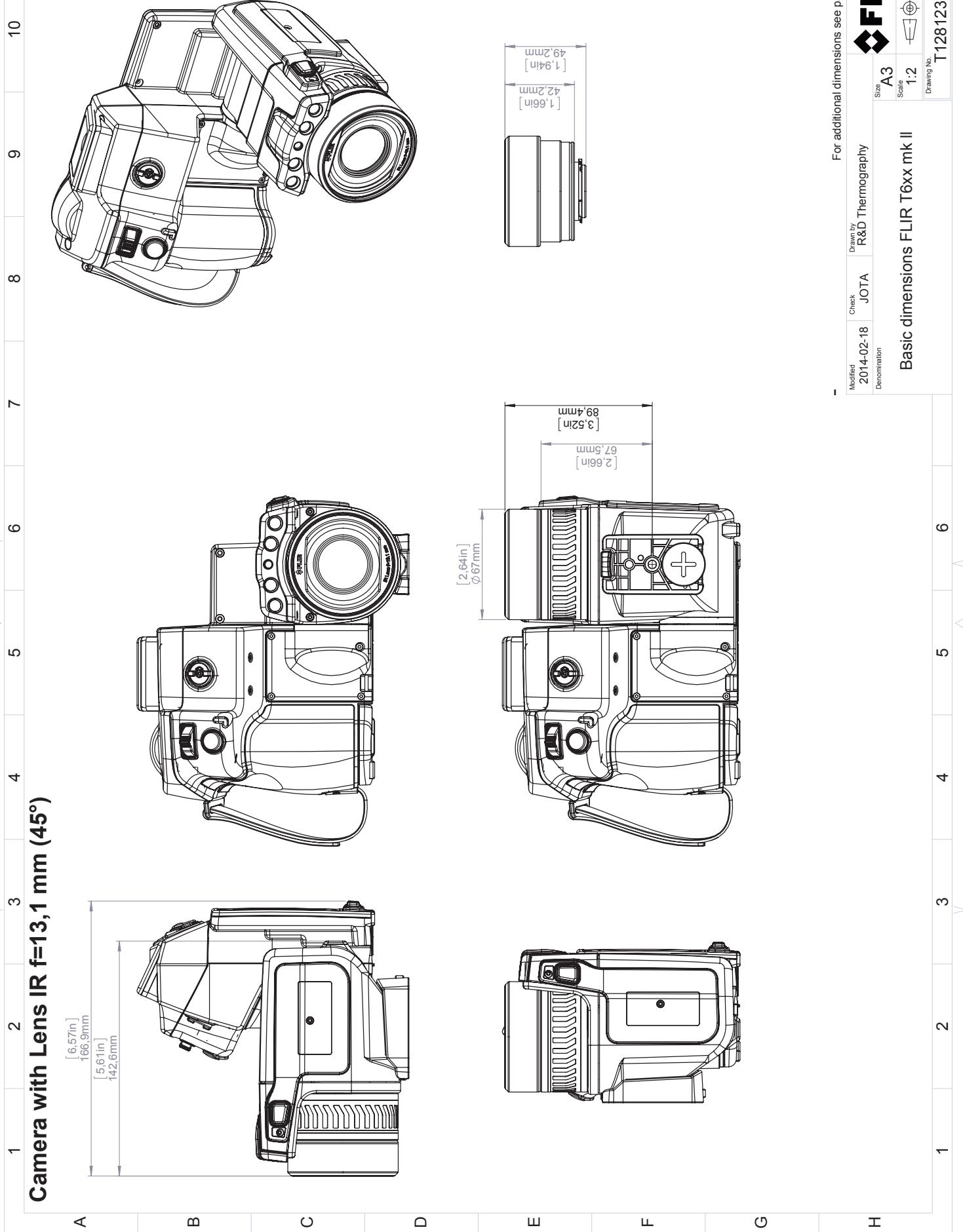
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Drawing No. T128123	
Sheet 2(9)	A
Scale 1:2	Size A3
Drawn by R&D Thermography	Denomination
Check JOTA	
Modified 2014-02-18	

Basic dimensions FLIR T6xx mk II

1 2 3 4 5 6



Camera with Lens IR f=13,1 mm (45°)



For additional dimensions see page 1

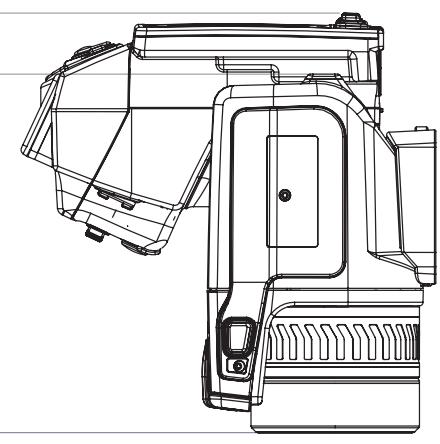
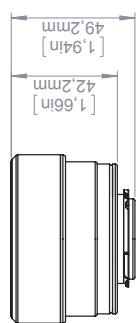
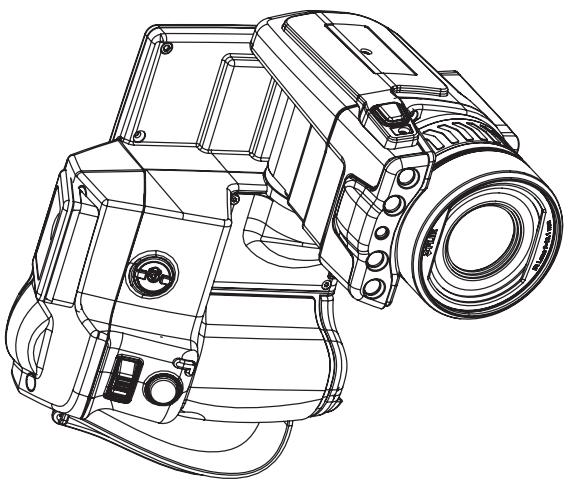
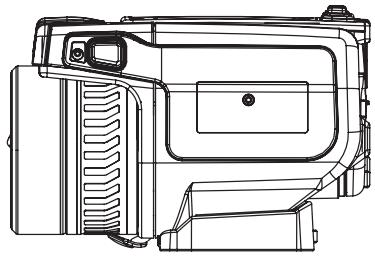
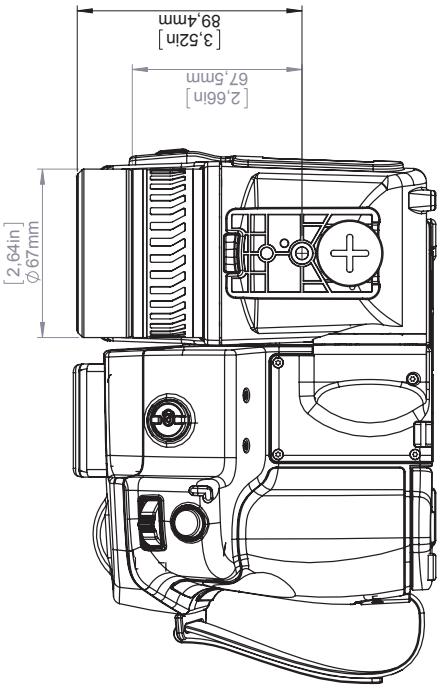
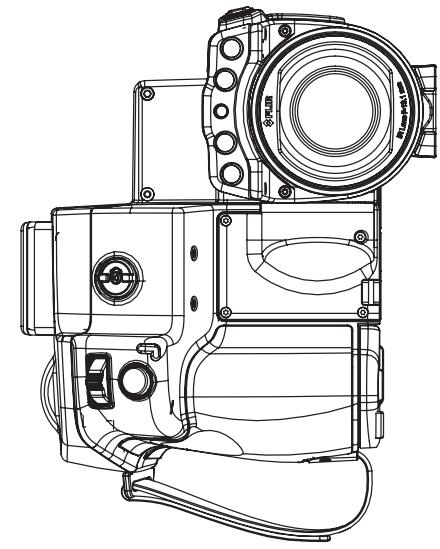
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Sheet 3(9)	Size A
1:2	Scale
Denomination	Size A3
2014-02-18	Modified
JOTA	Check
R&D Thermography	Drawn by

Basic dimensions FLIR T6xx mk II

1 2 3 4 5 6

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▽ ▽ ▽ ▽ ▽ ▽



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Camera with Lens IR f=24,6 mm (25°)

10

9

8

7

6

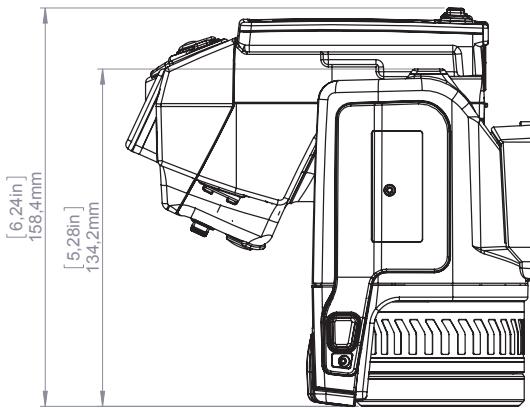
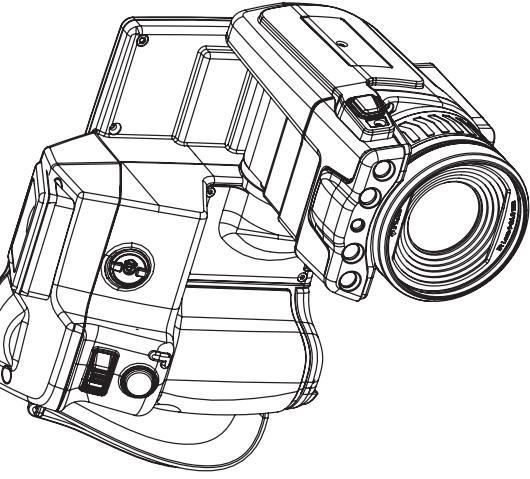
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A

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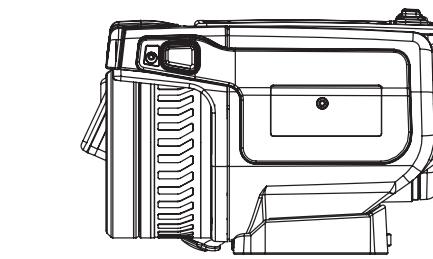
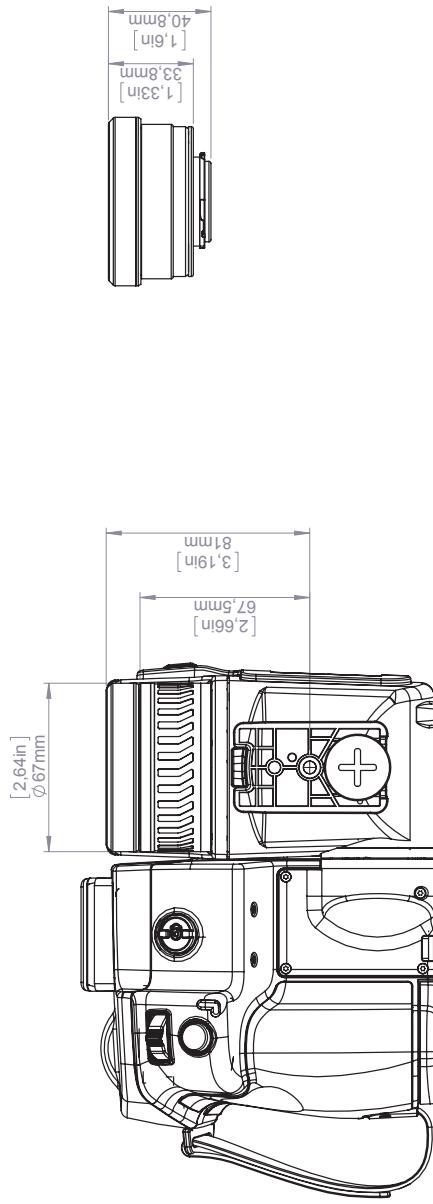
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F

G

H



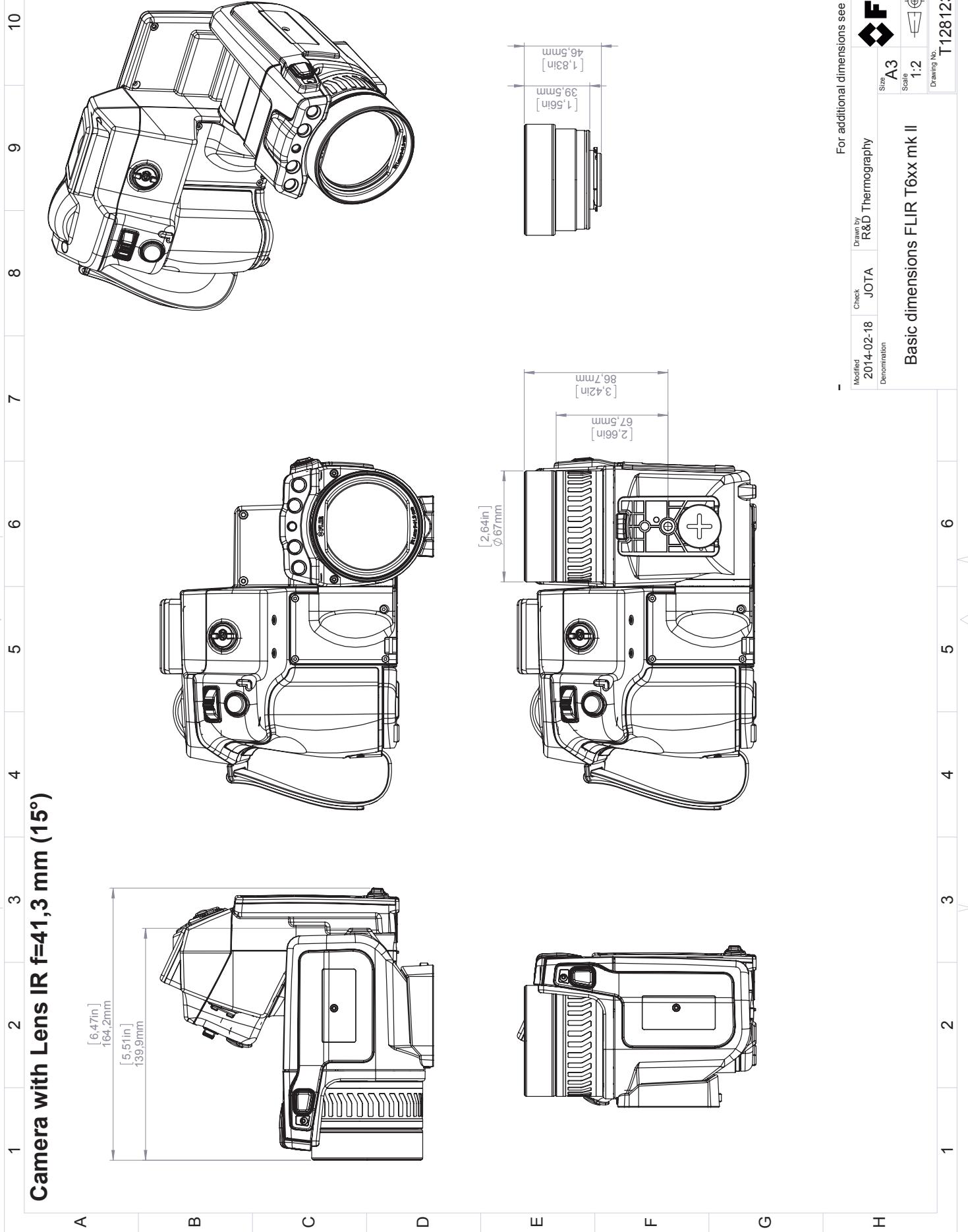
For additional dimensions see page 1

FLIR
FLIR Systems, Inc.

Sheet 4(9)
Size A
Scale 1:2
Drawing No. T128123

Basic dimensions FLIR T6xx mk II

Camera with Lens IR f=41,3 mm (15°)

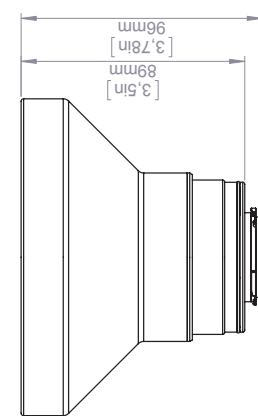
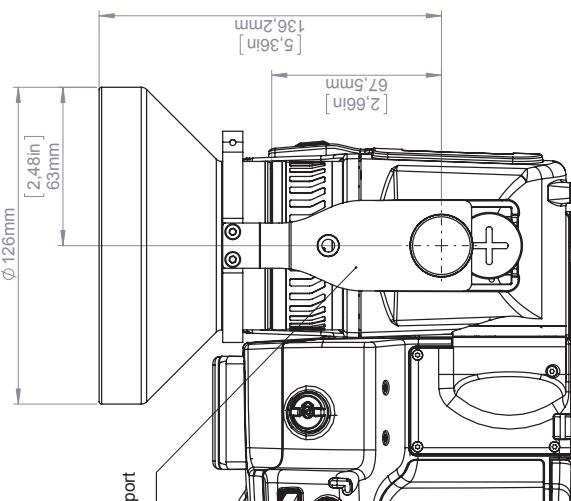
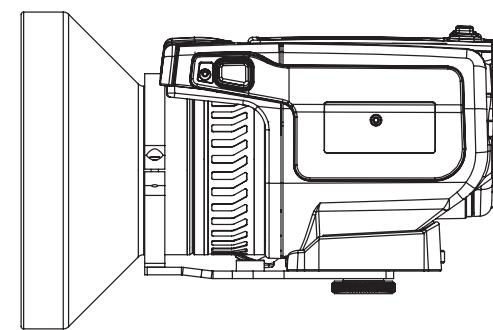
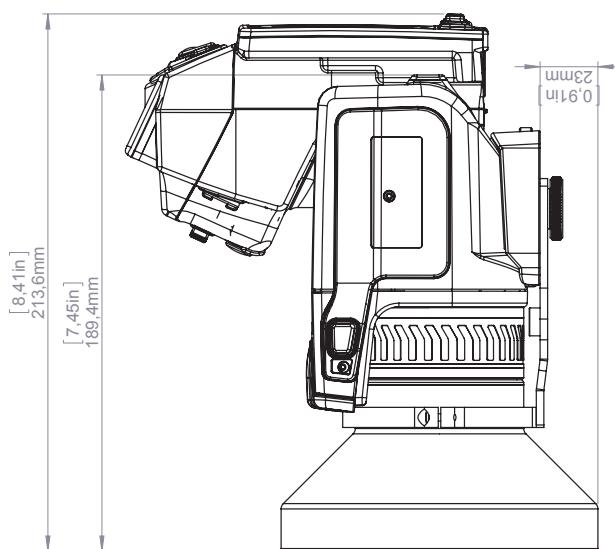
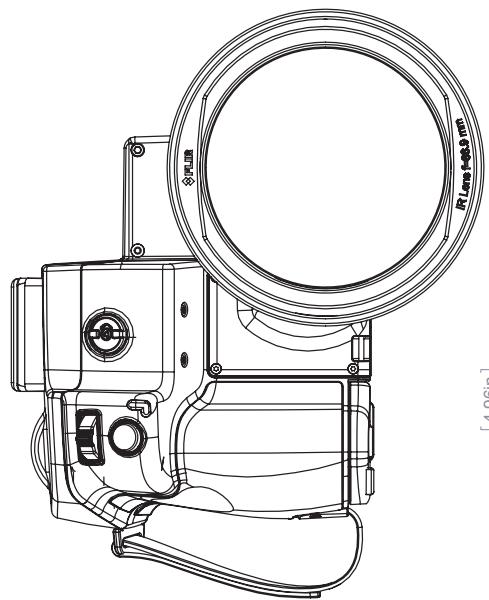
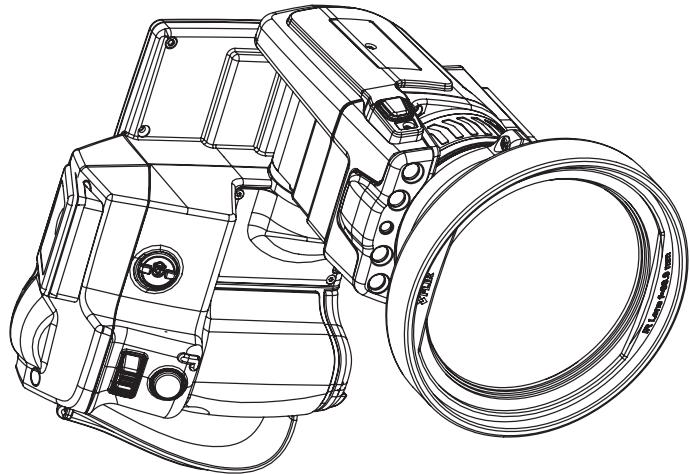


For additional dimensions see page 1

FLIR

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Size	A
Scale	1:2
Modified	2014-02-18
Check	JOTA
Drawn by	R&D Thermography
Denomination	Basic dimensions FLIR T6xx mk II
Drawing No.	T128123

Camera with **Lens** IR f=88,9 mm (7°) incl support



For additional dimensions see page 1

For a
drawn by
R&D Thermography

FLIR

Sheet 6(9)

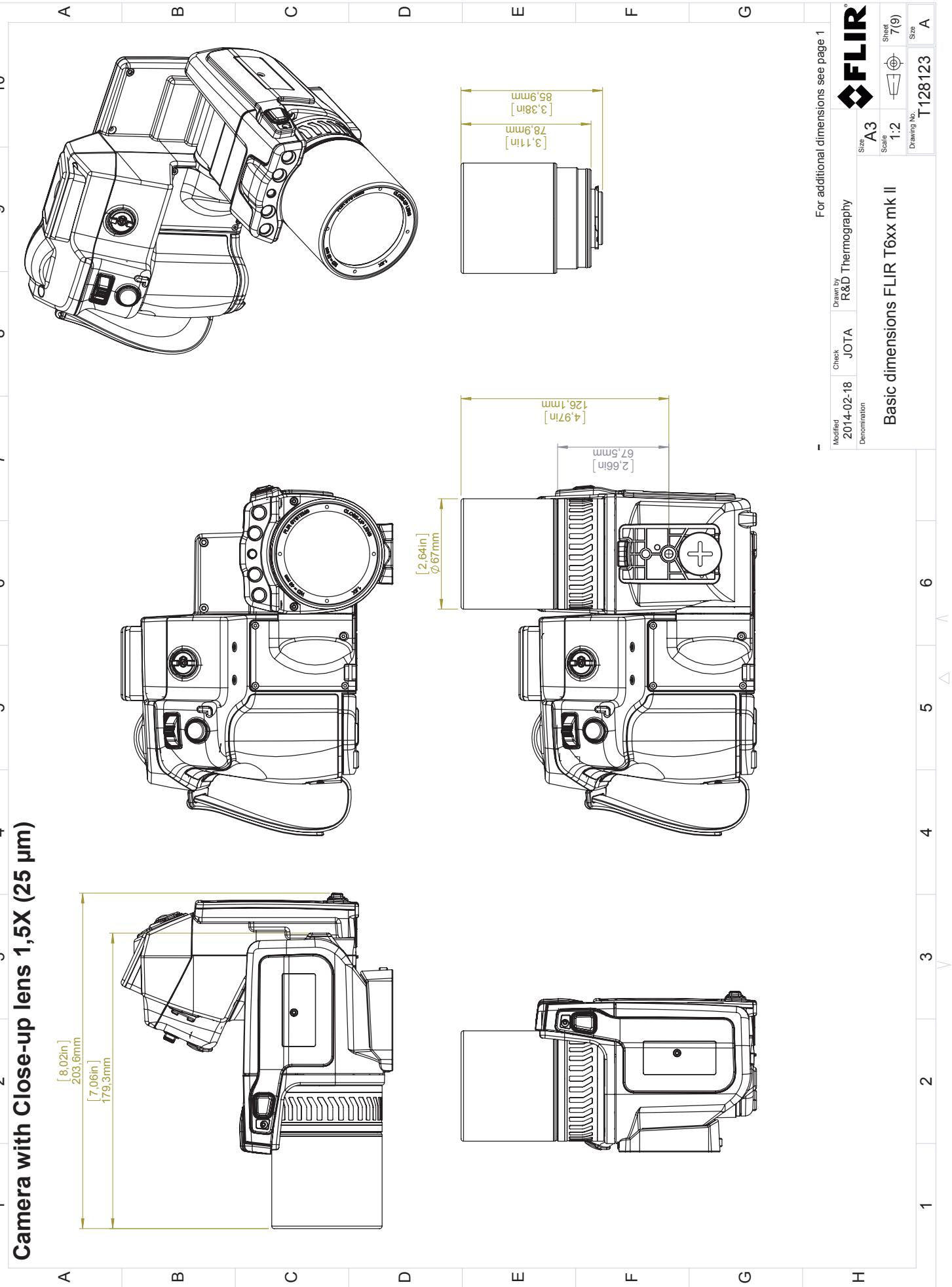
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Size	A

Basic dimensions FLIR T6xx mk II

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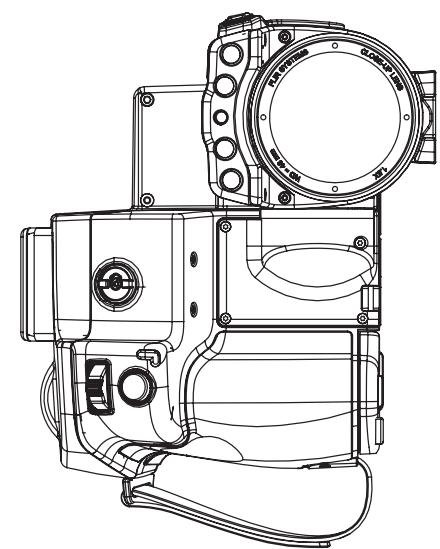
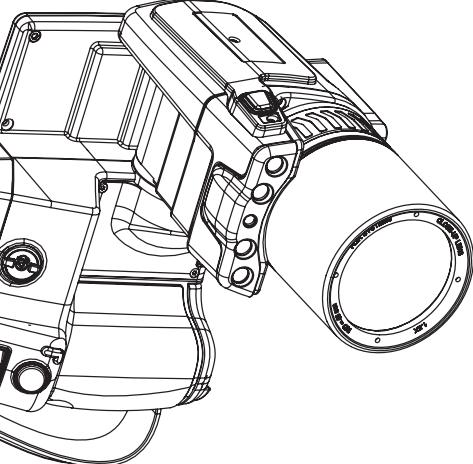
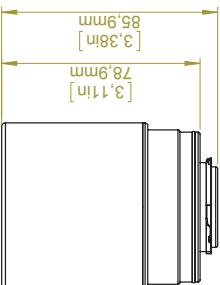
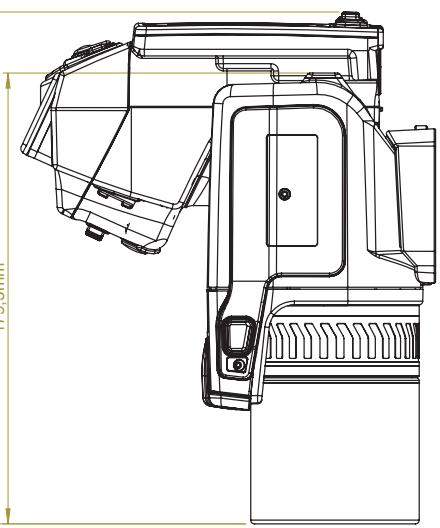
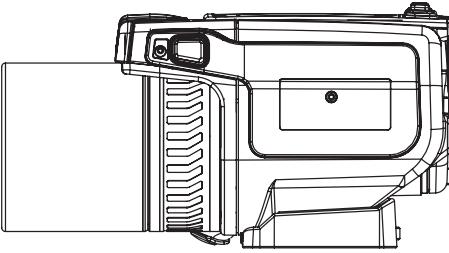
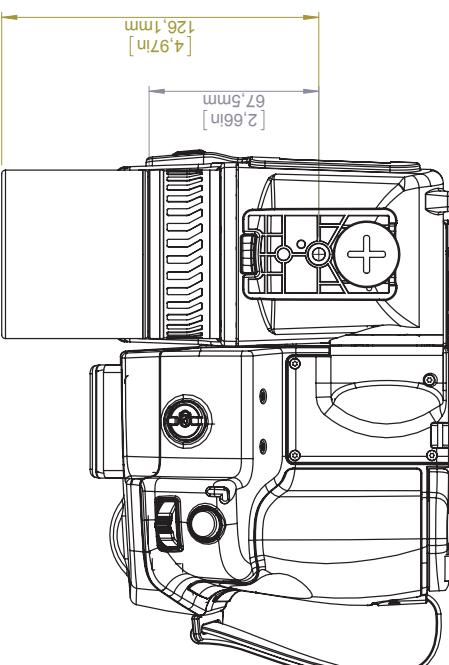
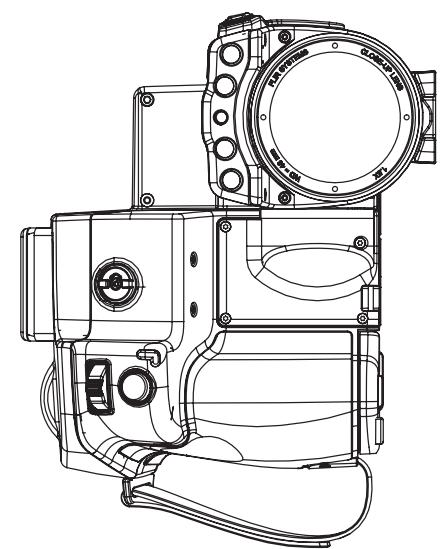
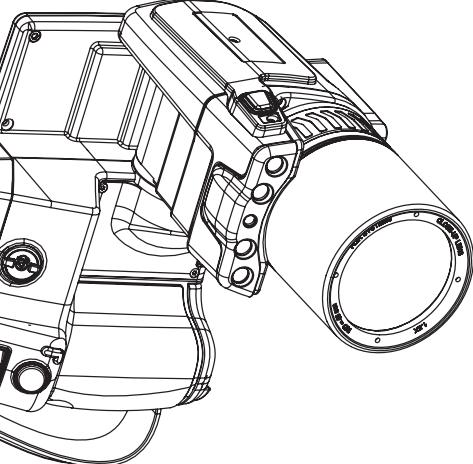
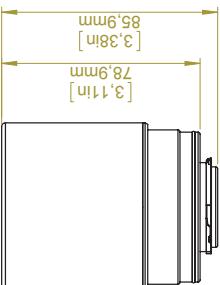
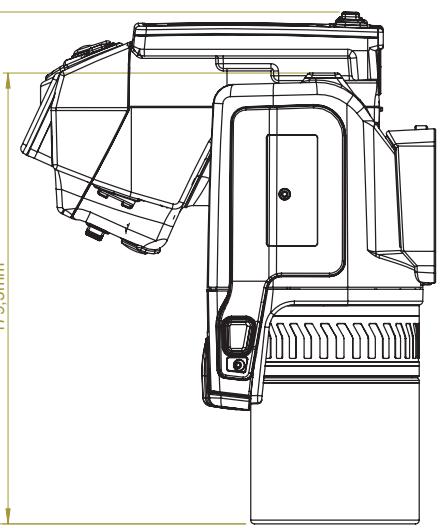
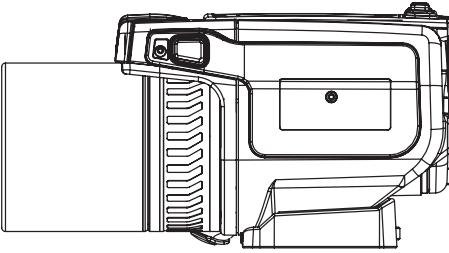
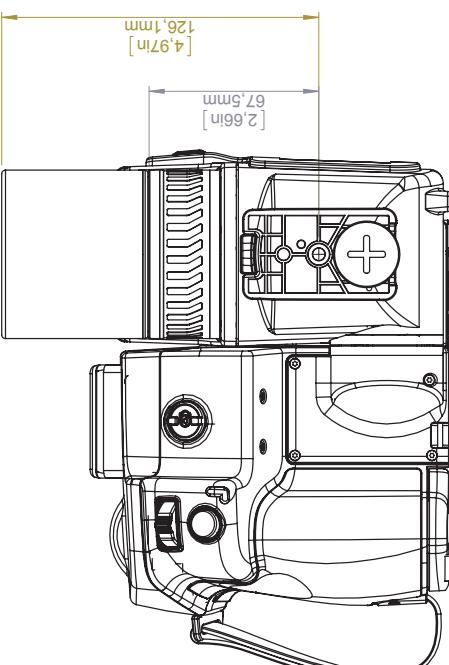
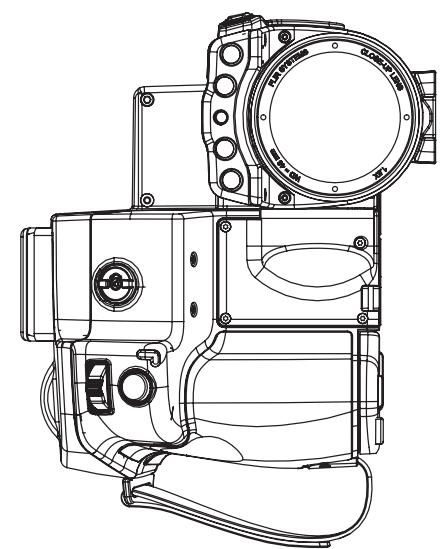
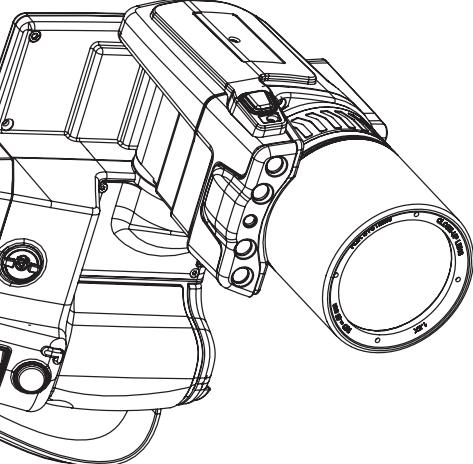
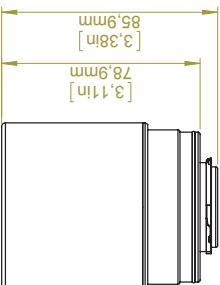
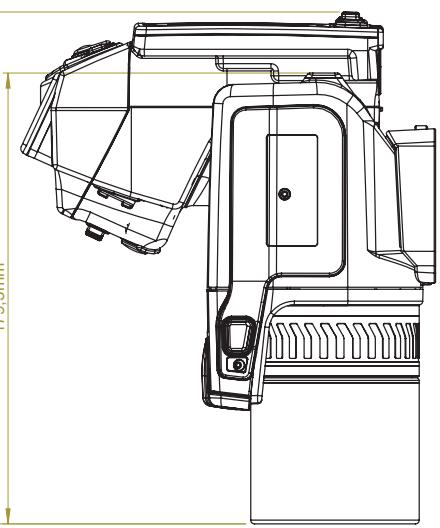
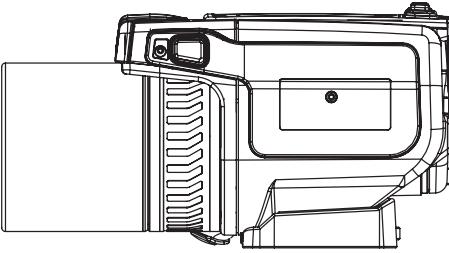
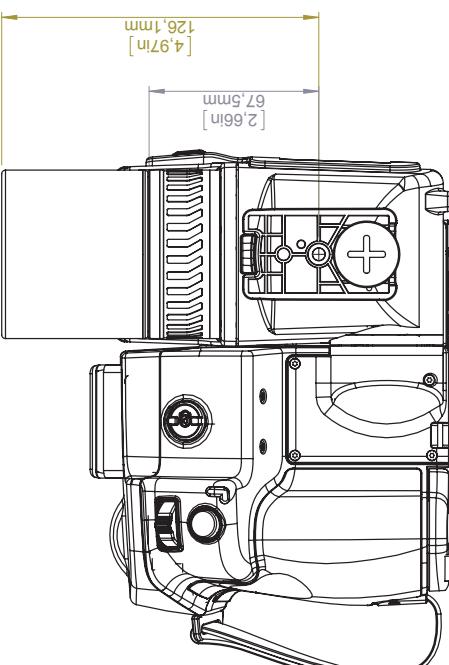
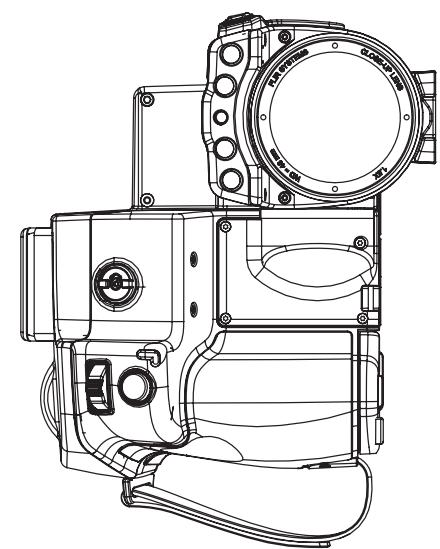
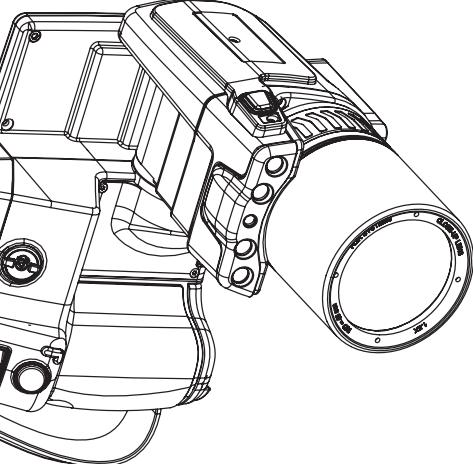
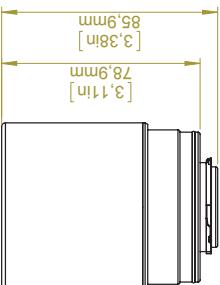
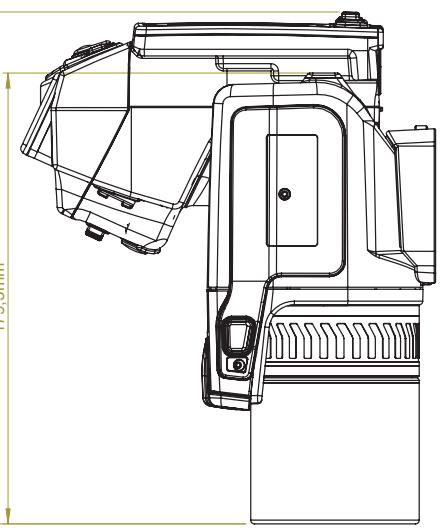
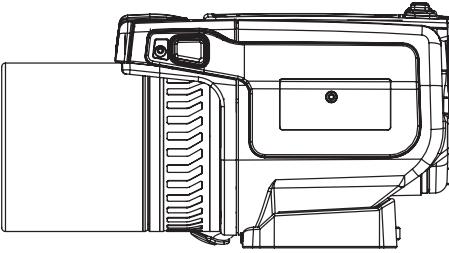
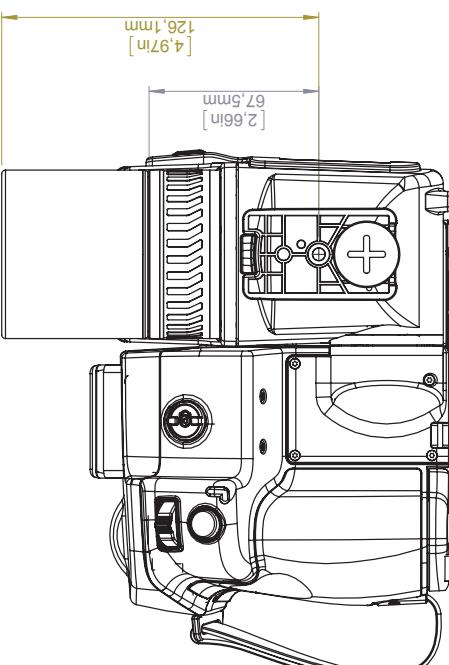
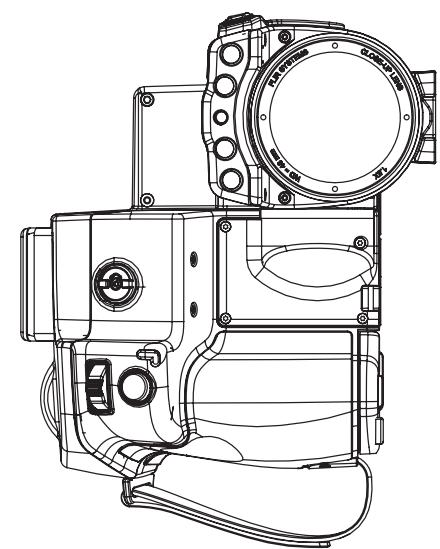
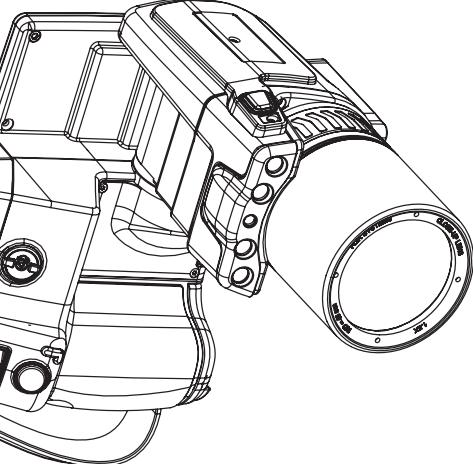
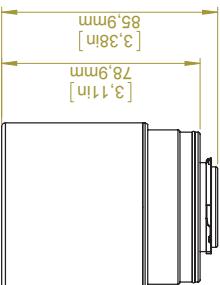
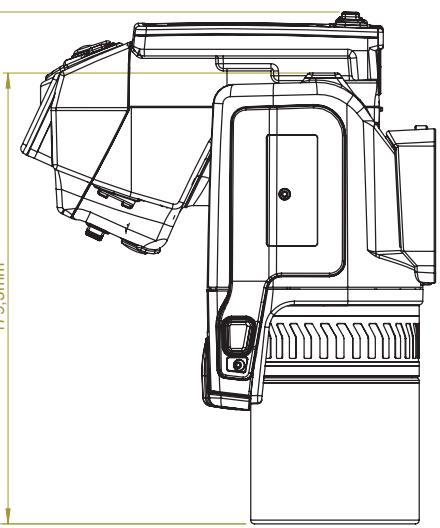
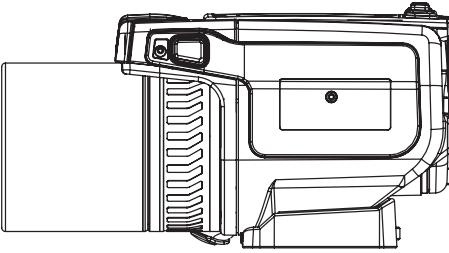
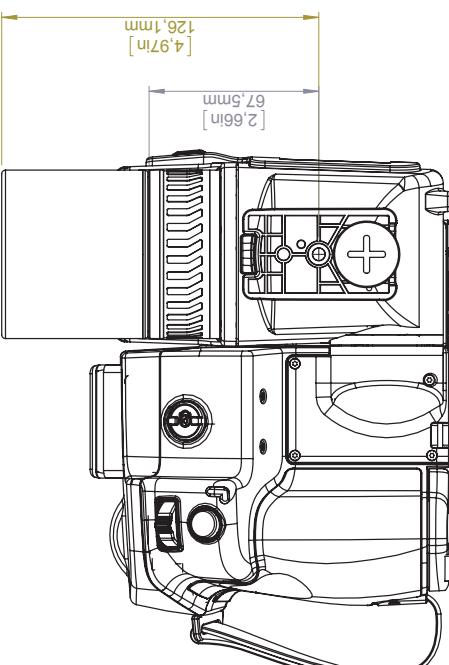
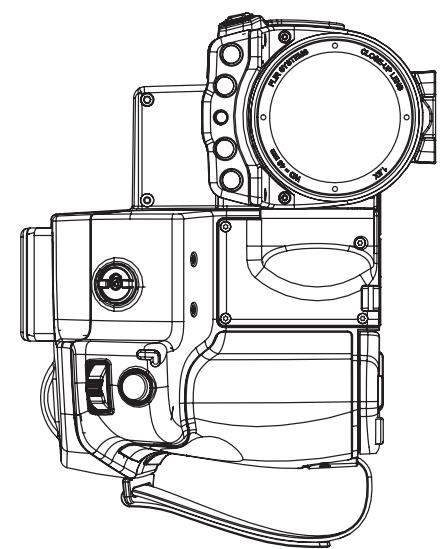
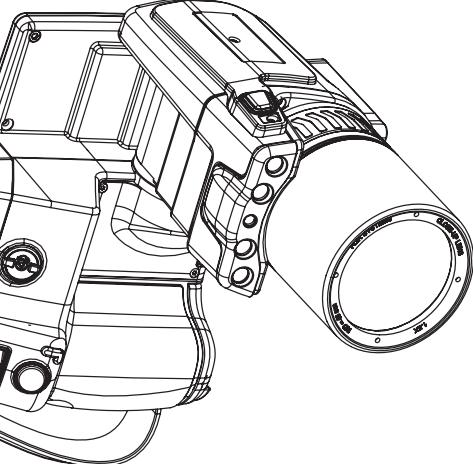
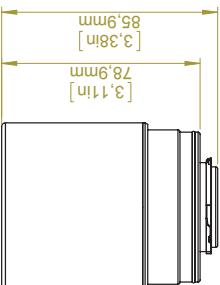
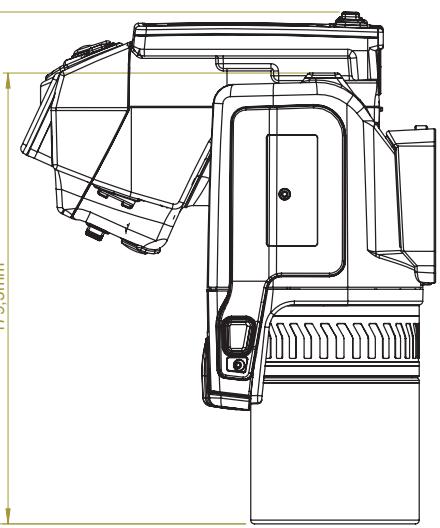
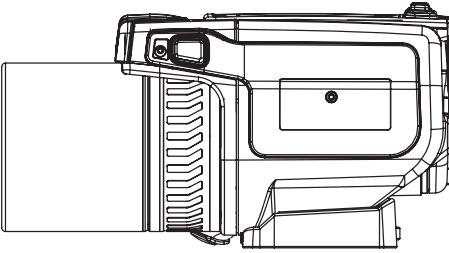
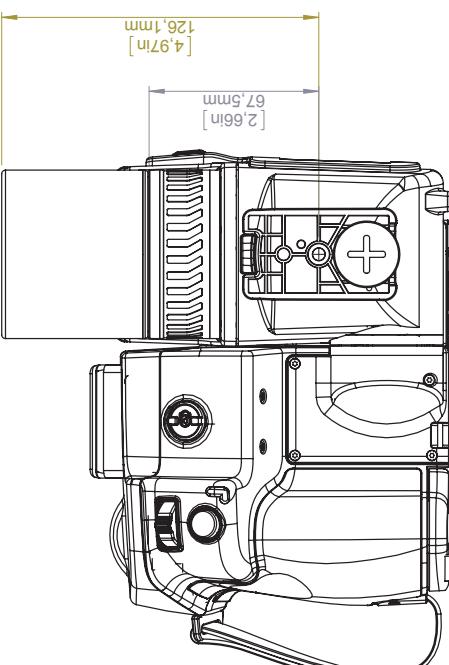
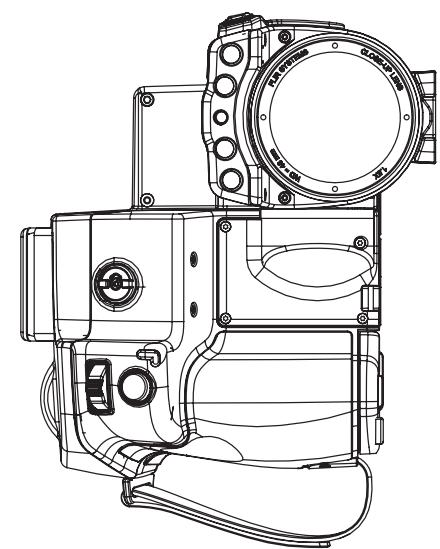
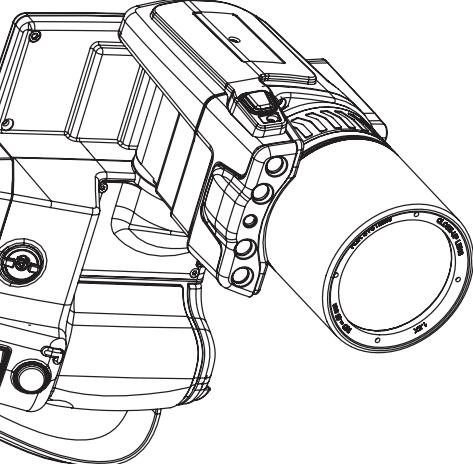
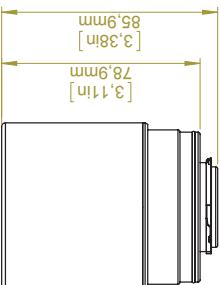
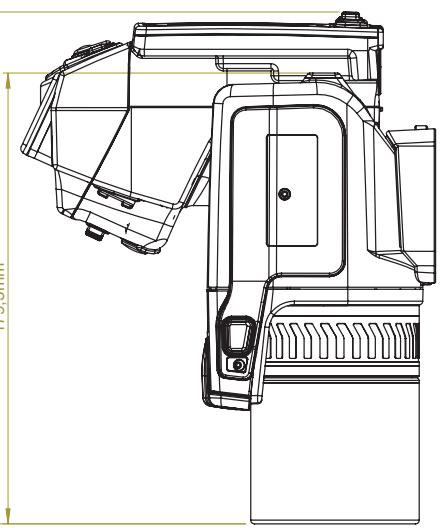
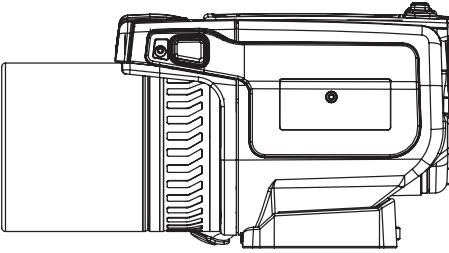
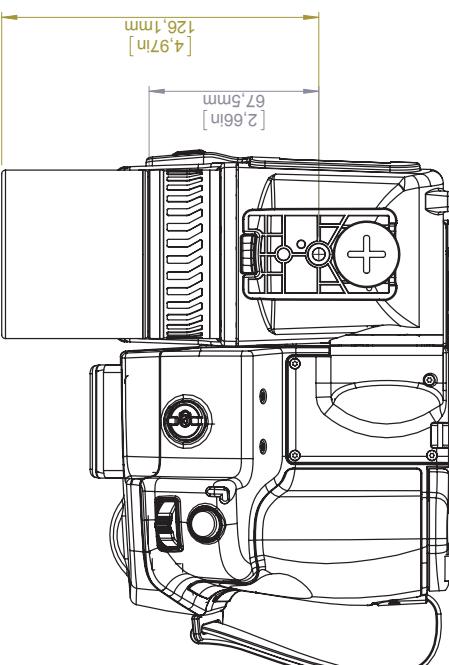
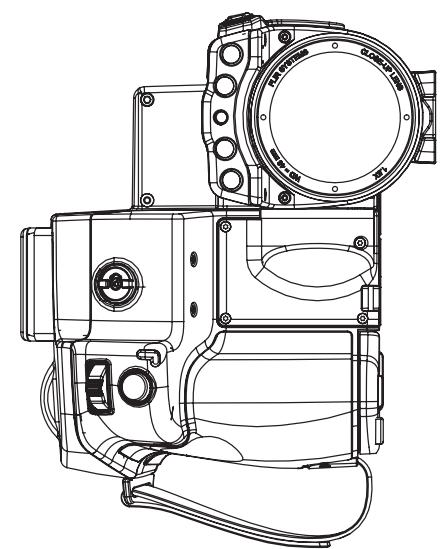
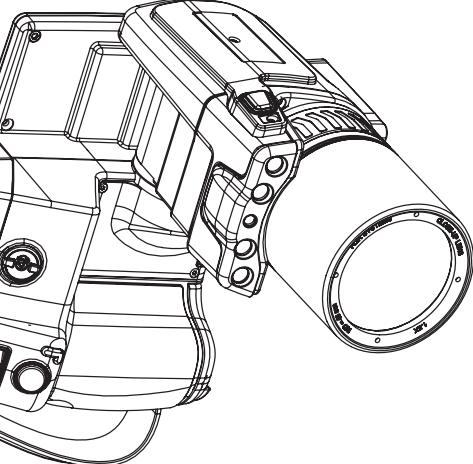
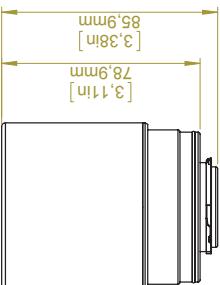
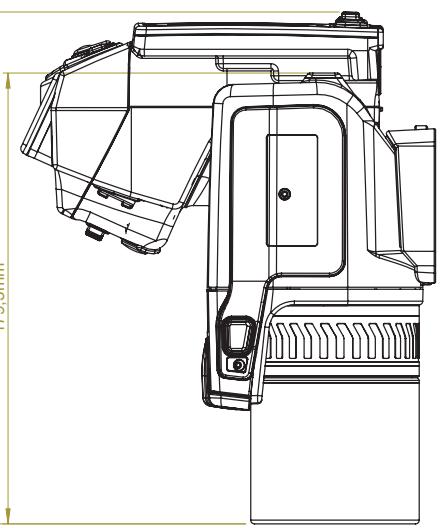
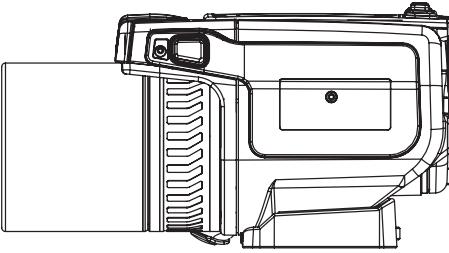
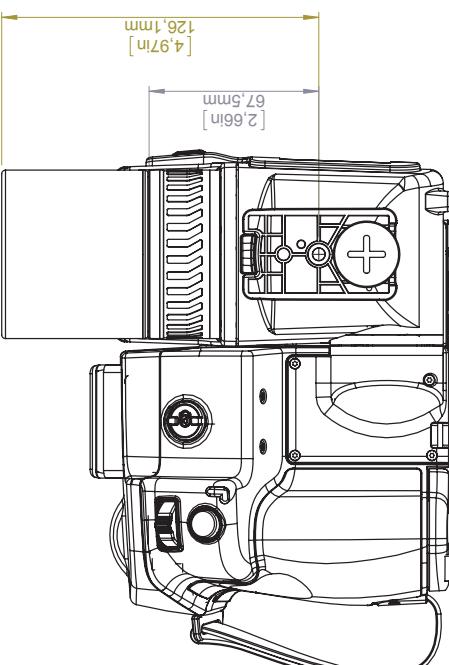
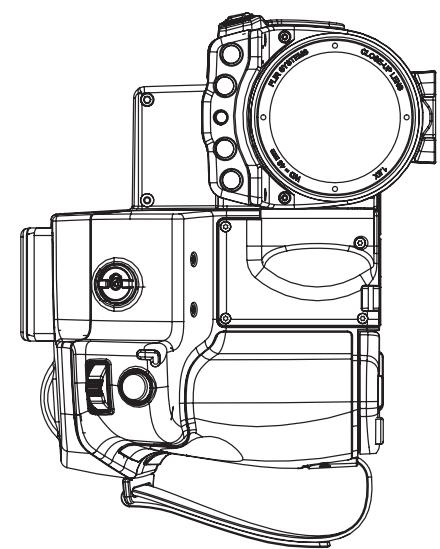
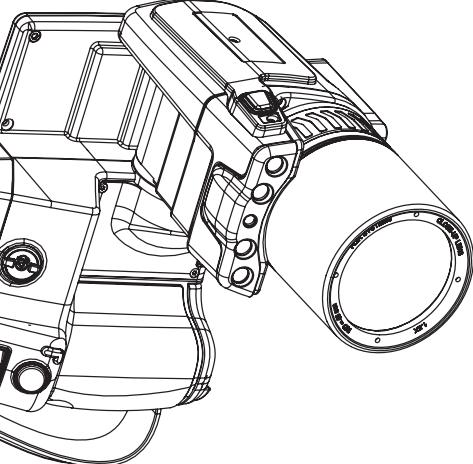
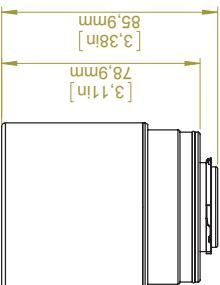
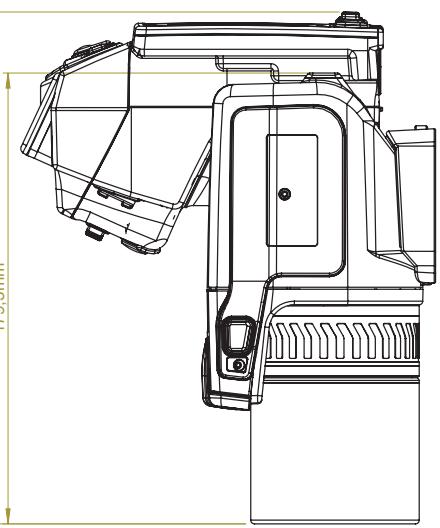
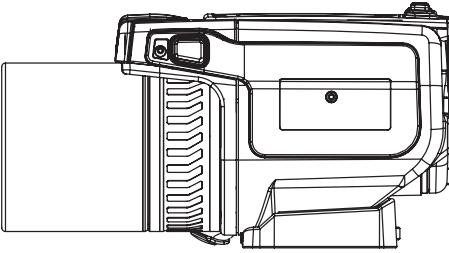
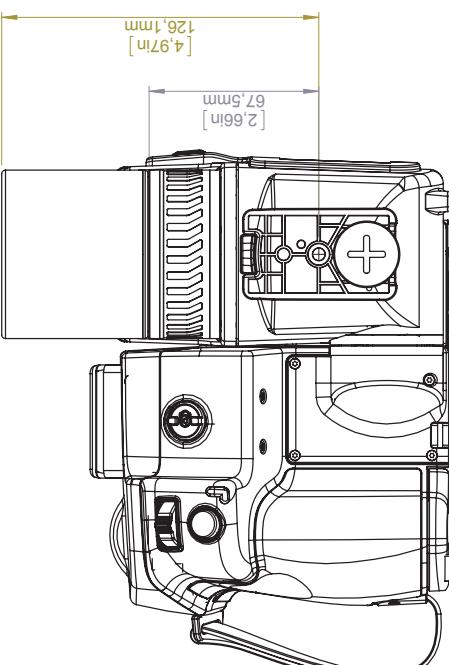
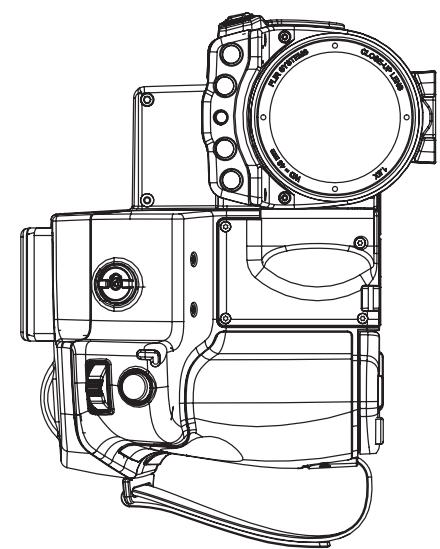
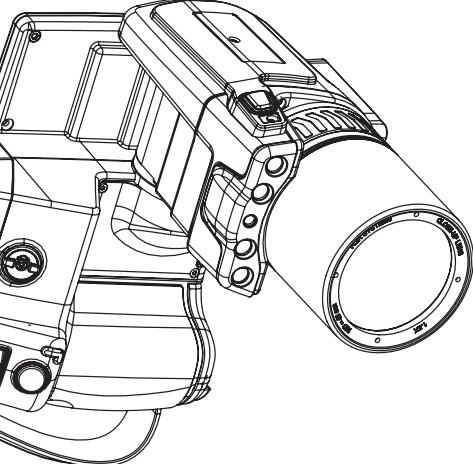
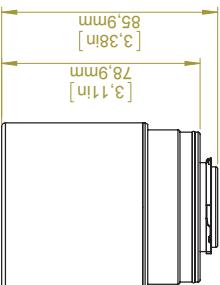
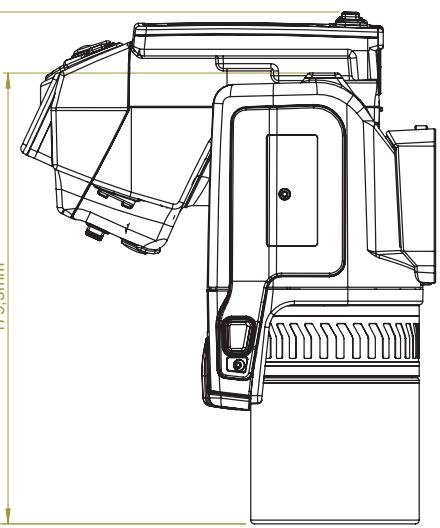
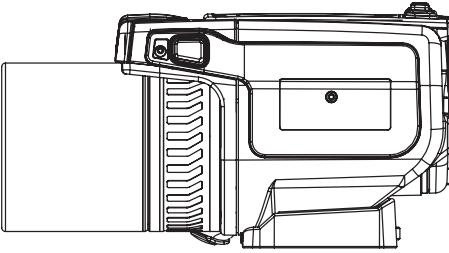
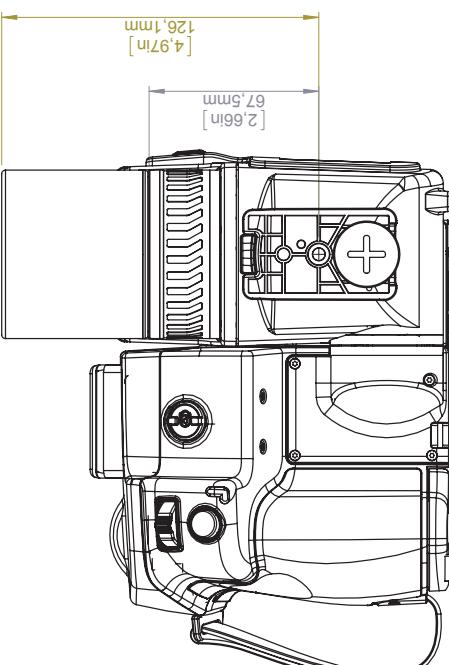
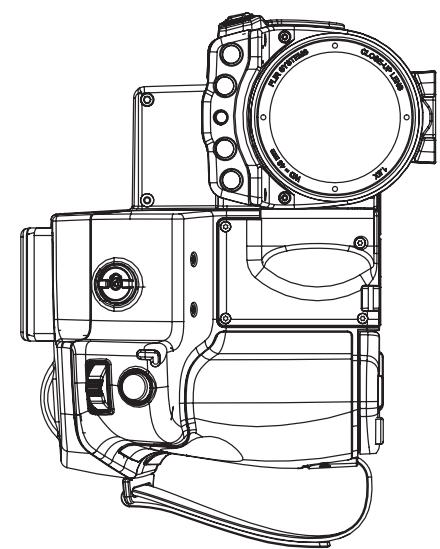
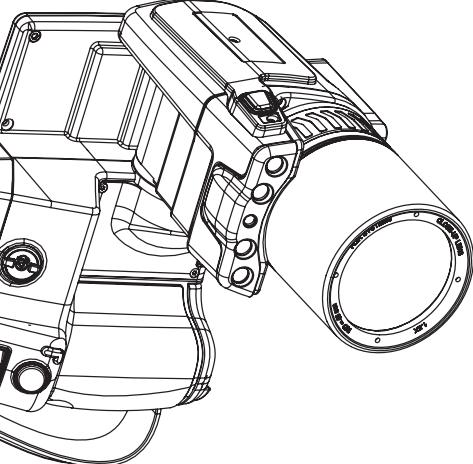
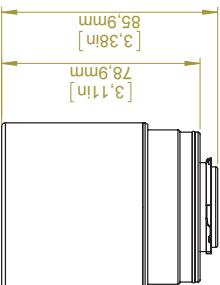
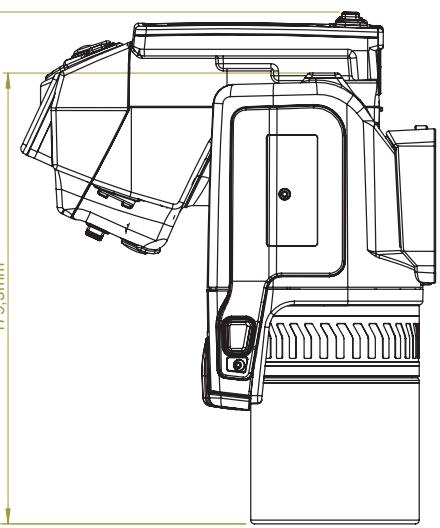
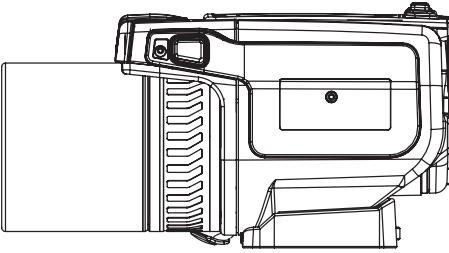
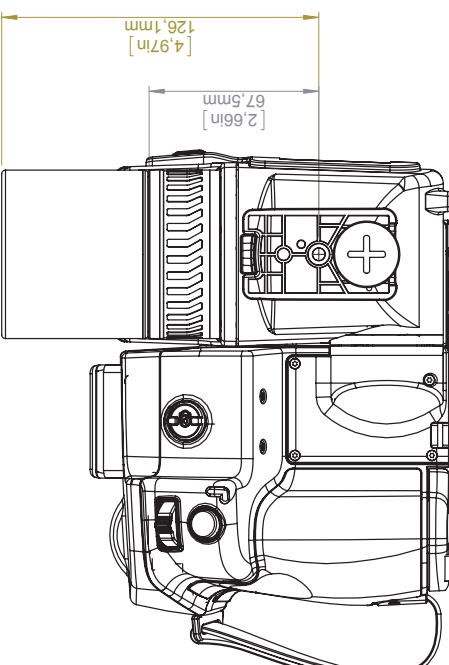
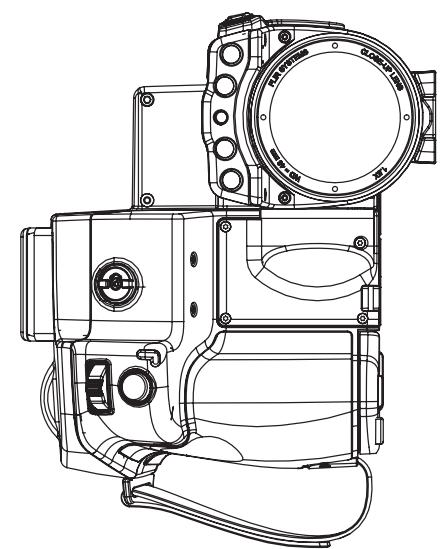
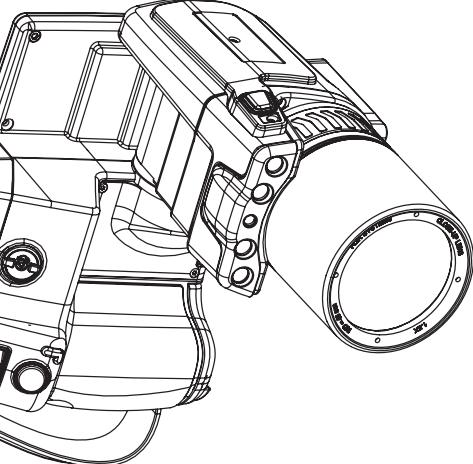
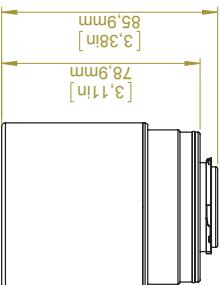
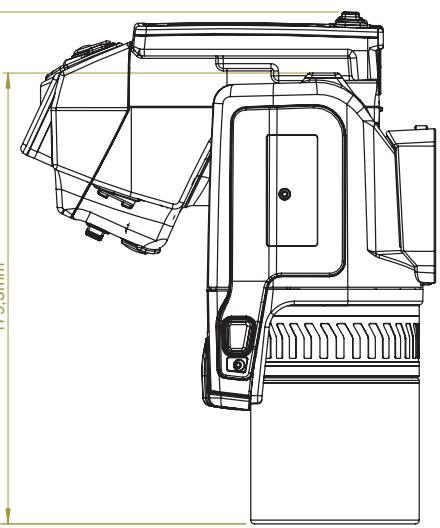
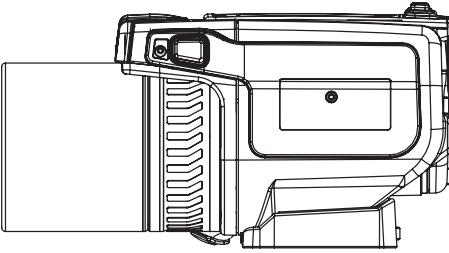
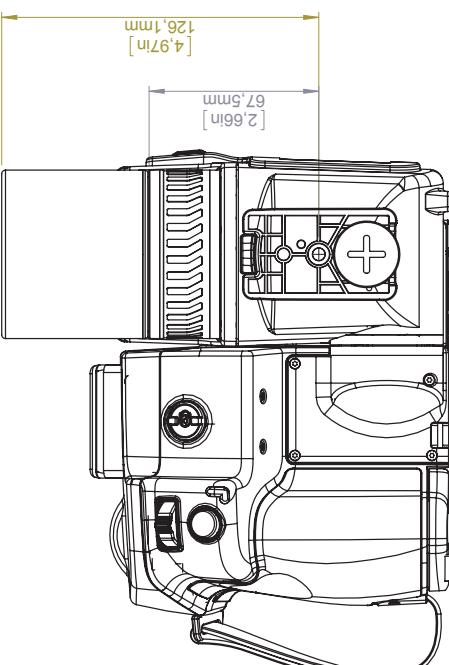
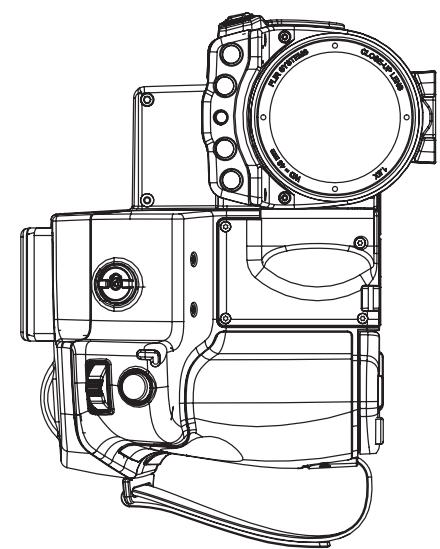
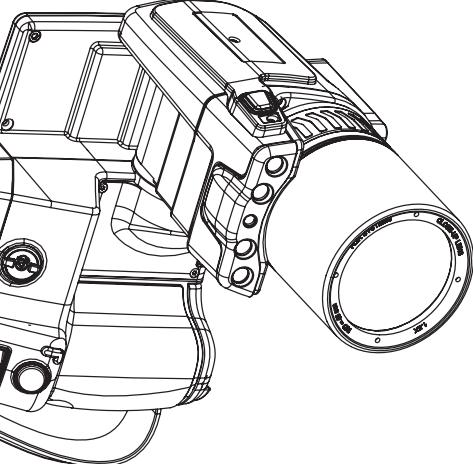
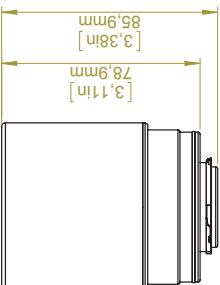
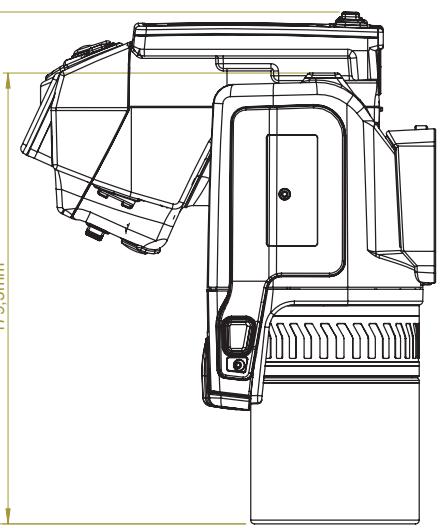
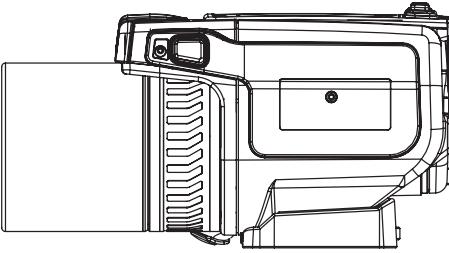
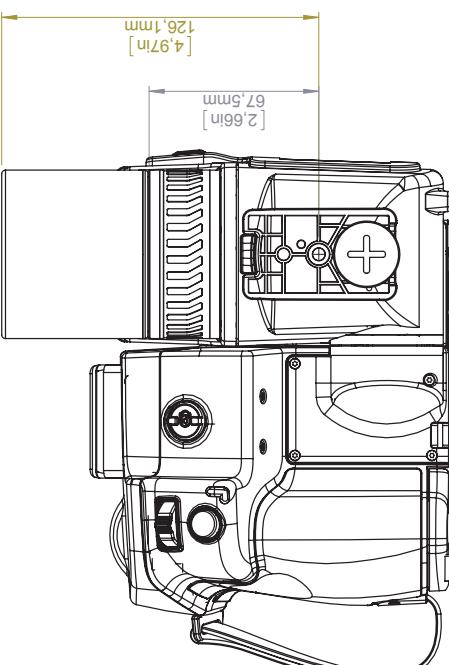
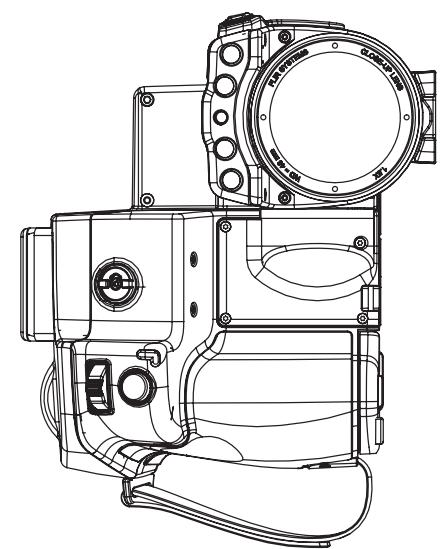
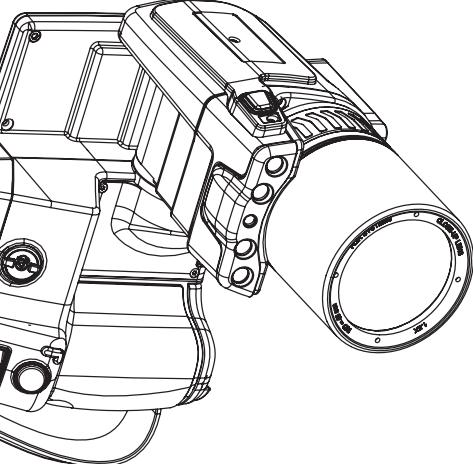
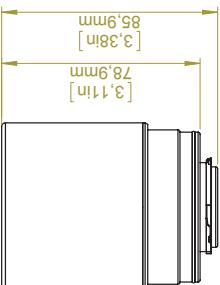
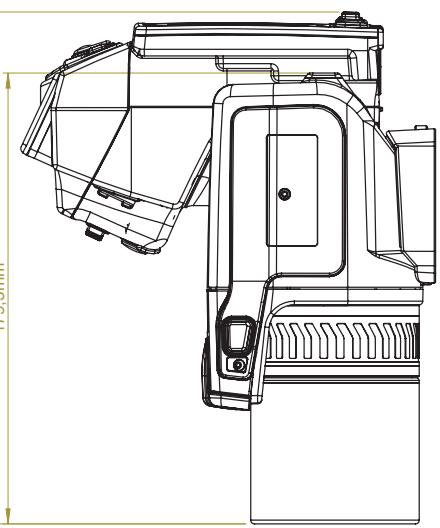
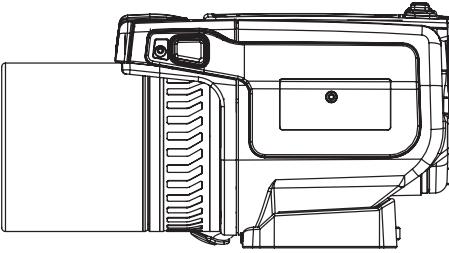
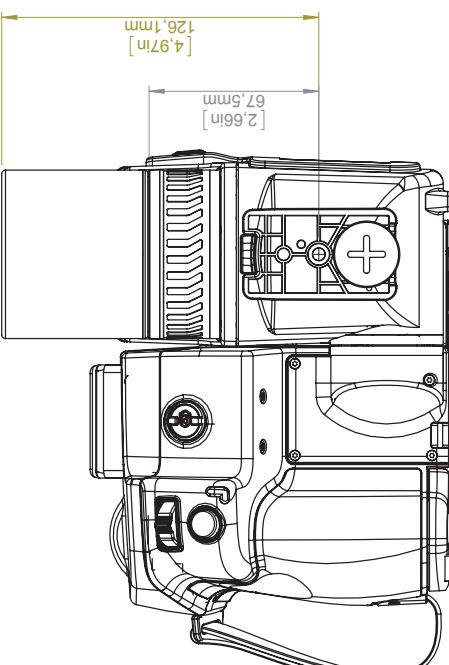
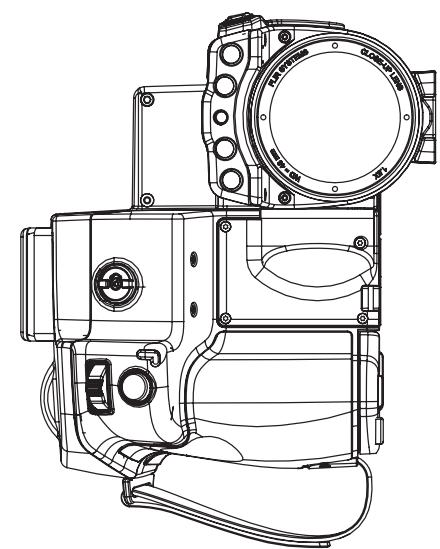
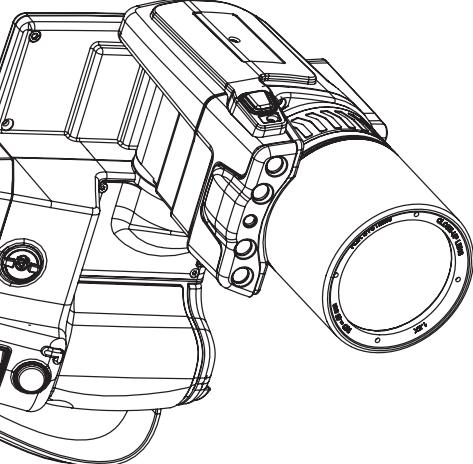
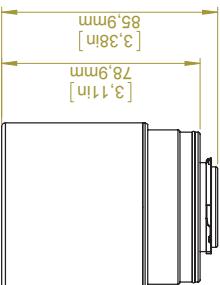
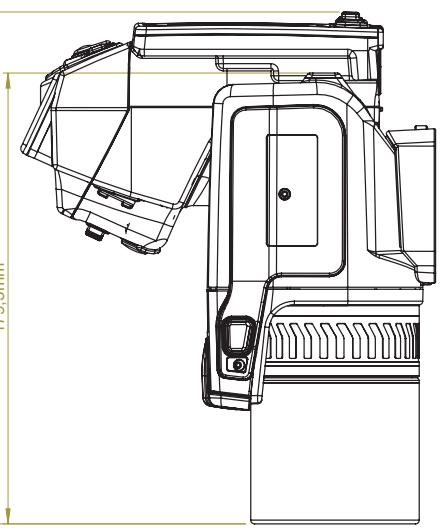
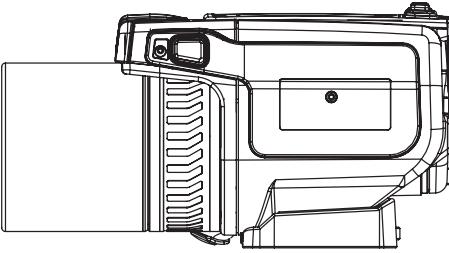
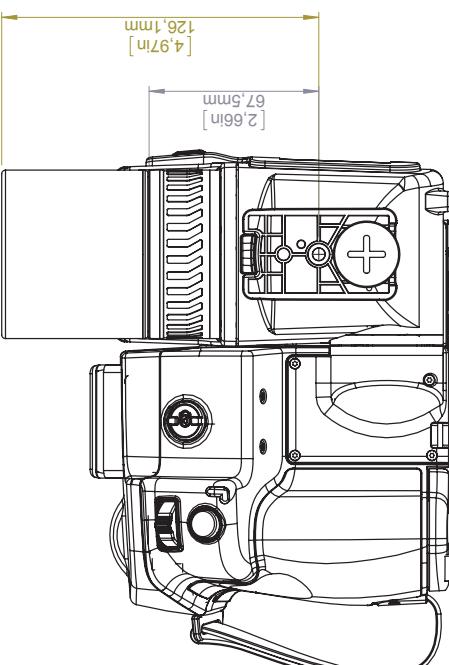
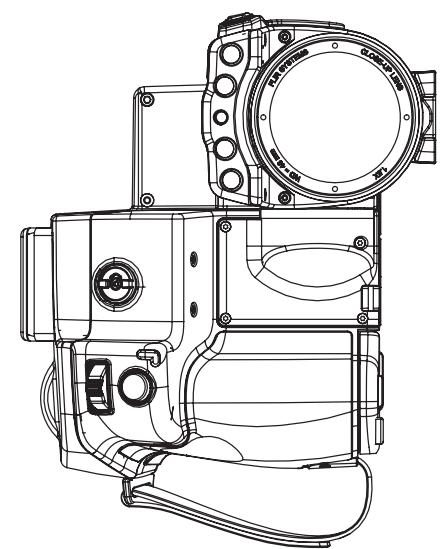
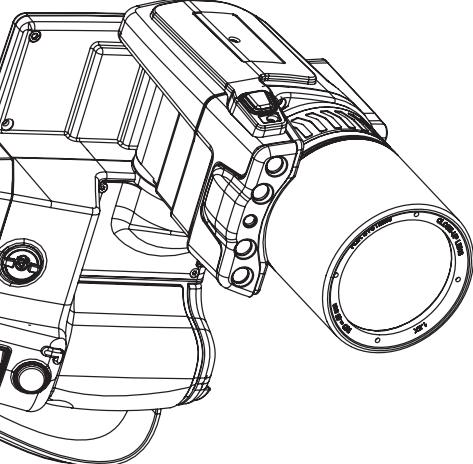
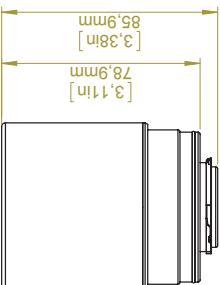
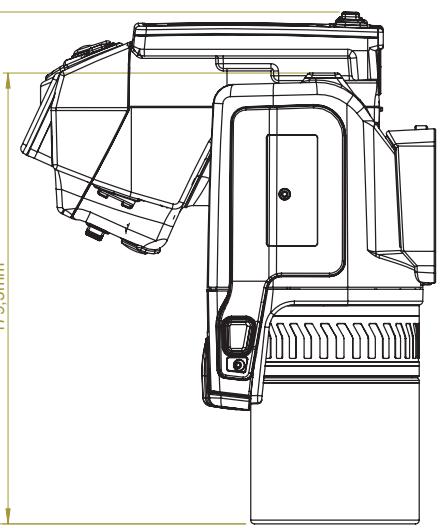
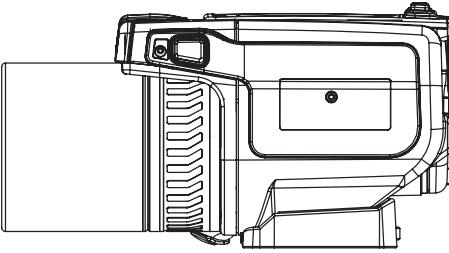
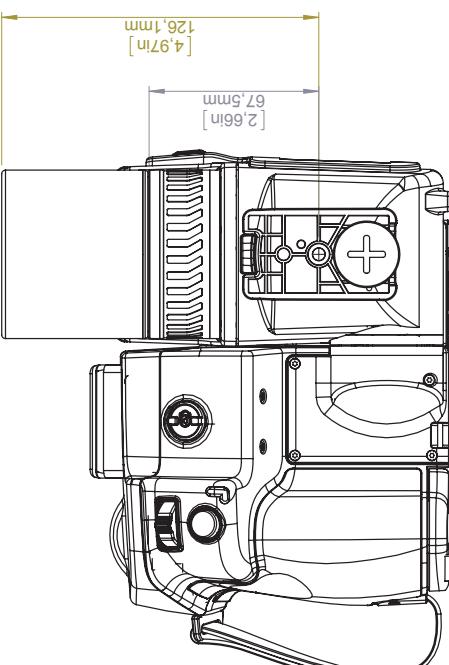
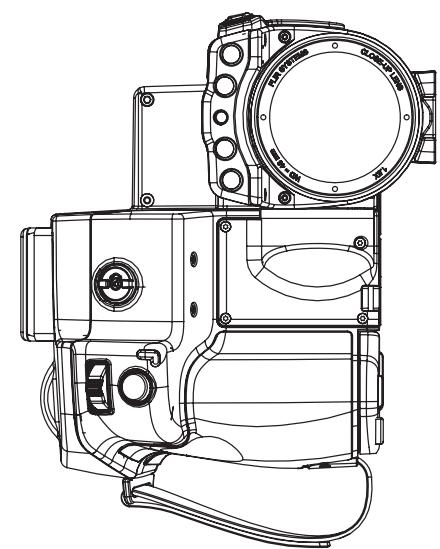
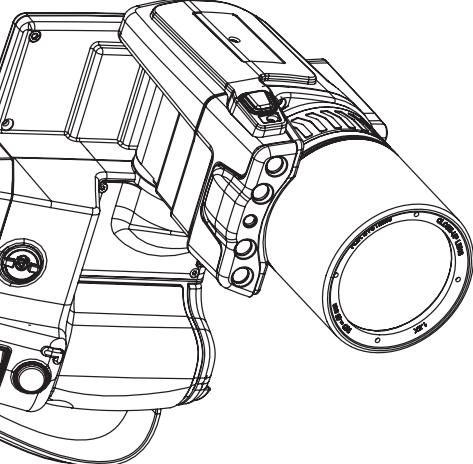
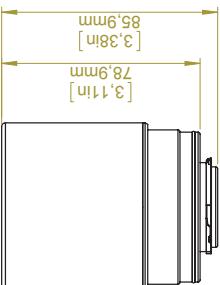
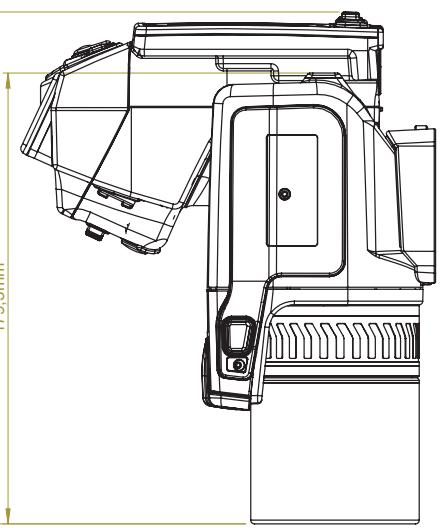
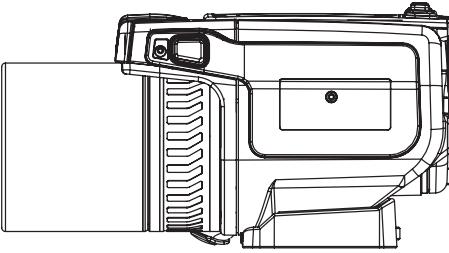
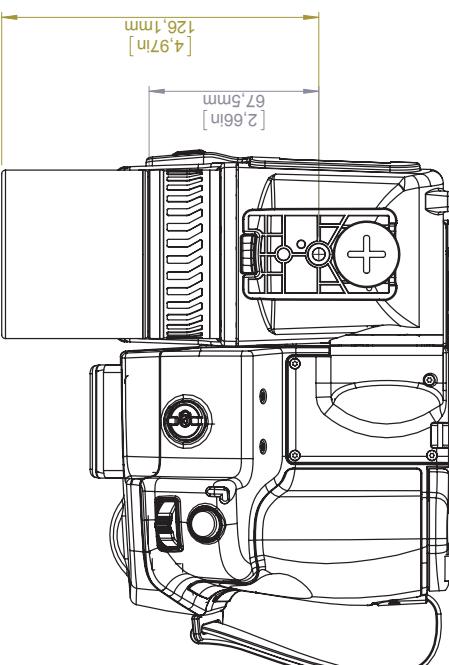
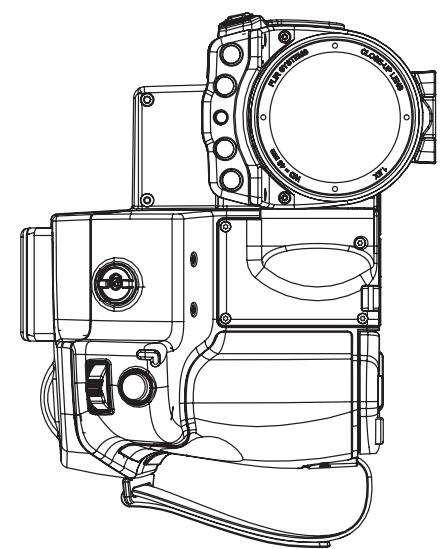
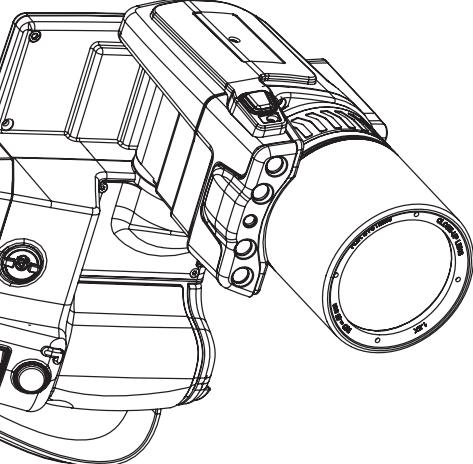
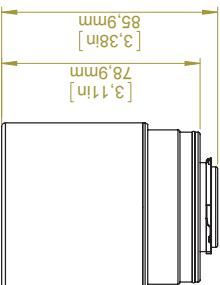
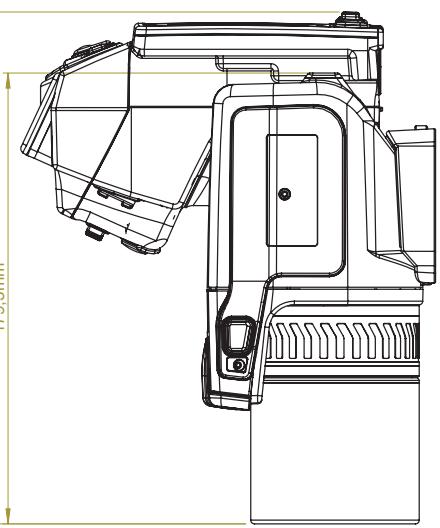
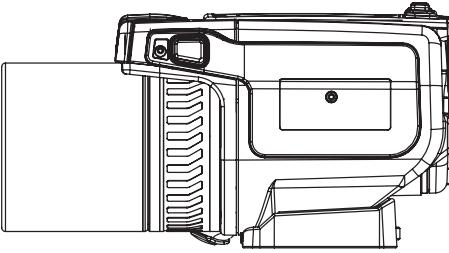
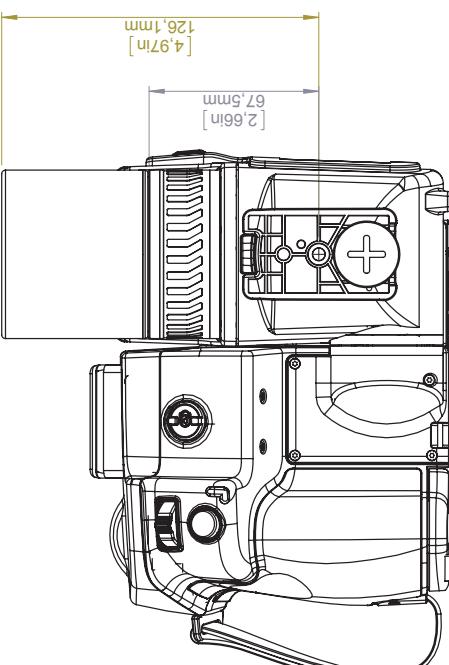
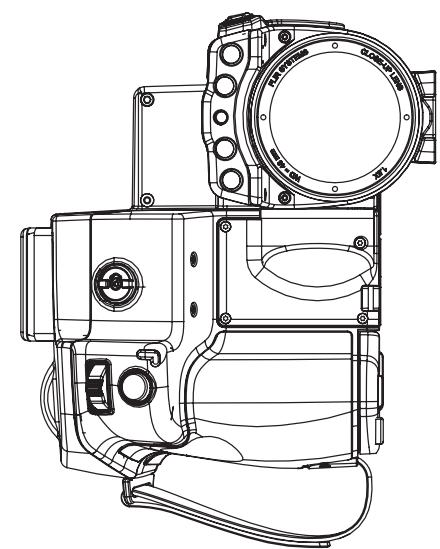
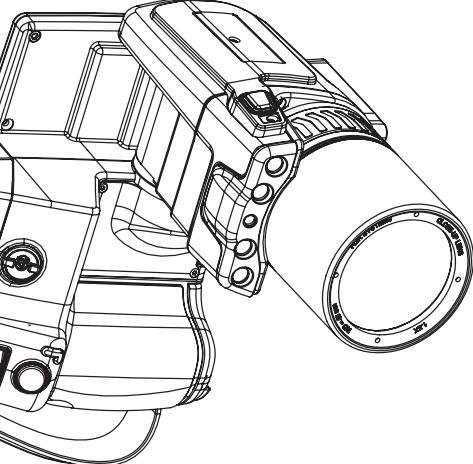
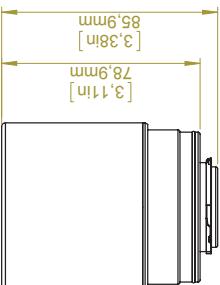
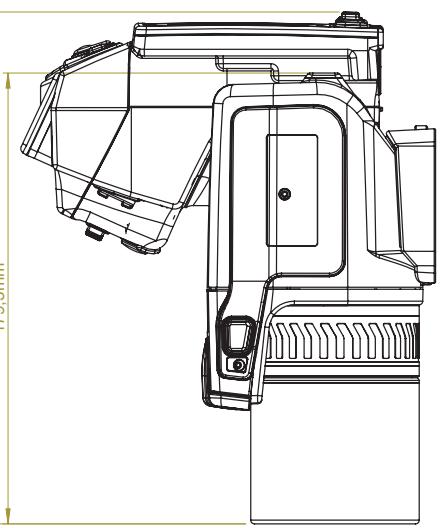
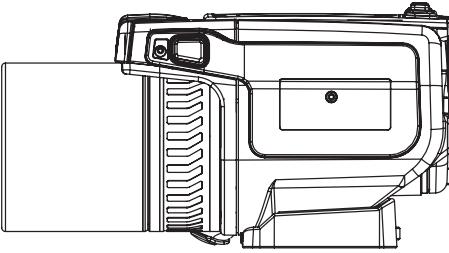
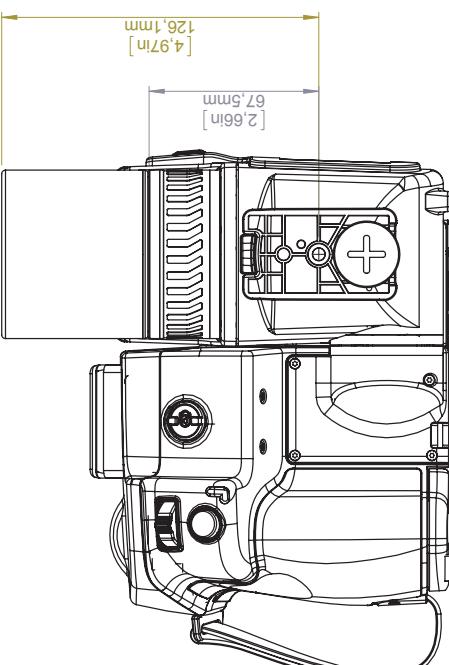
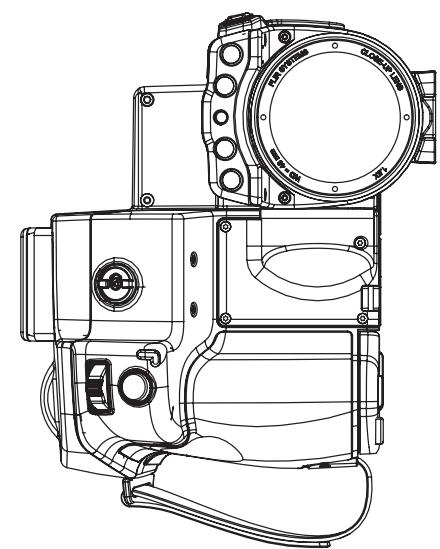
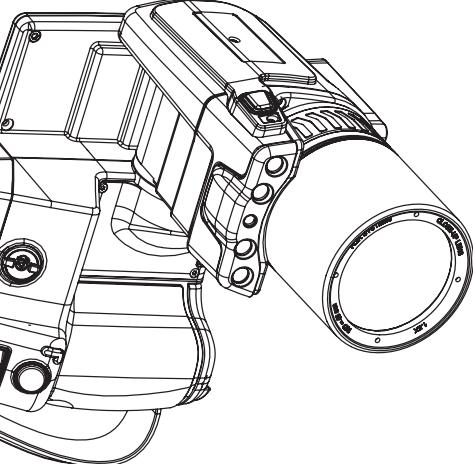
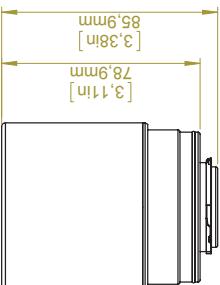
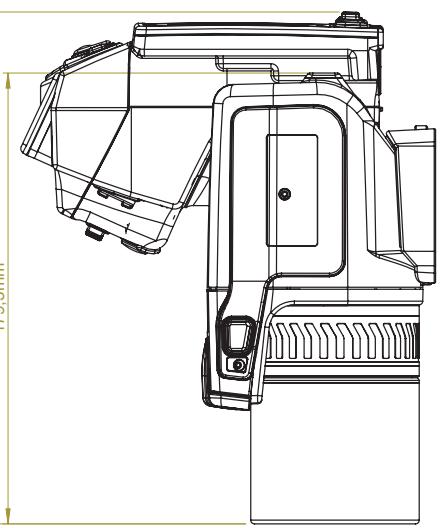
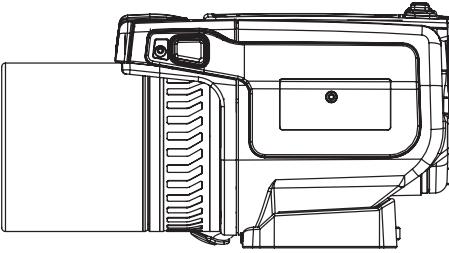
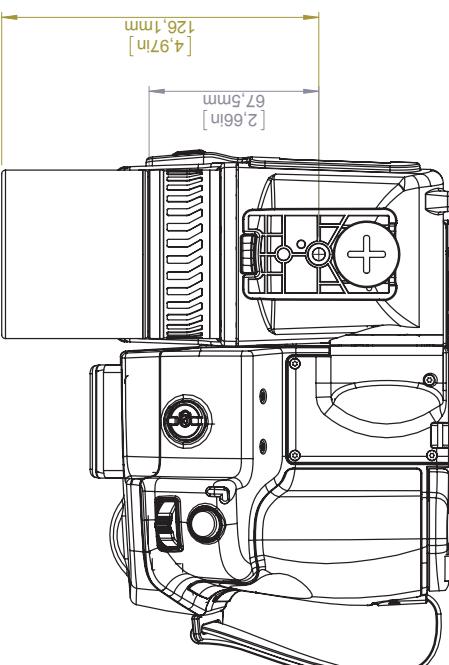
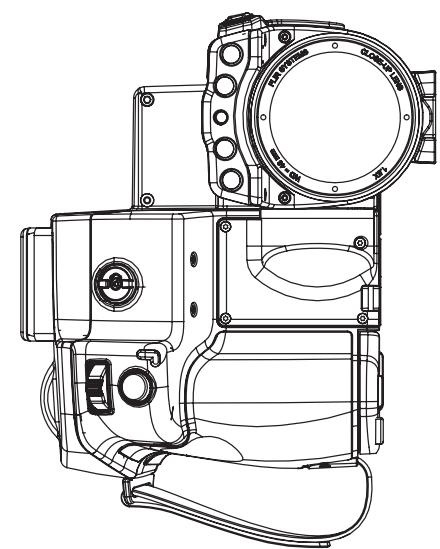
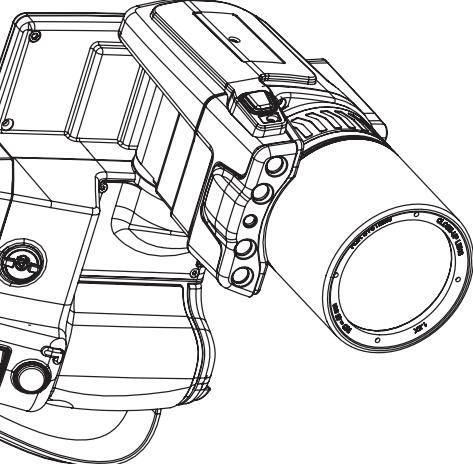
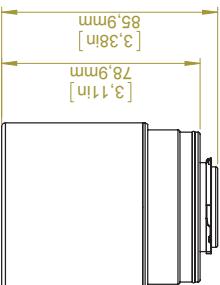
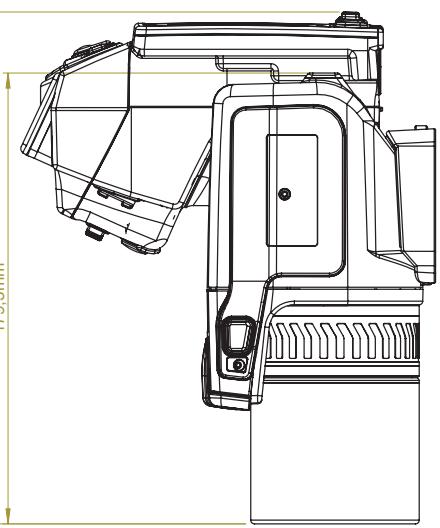
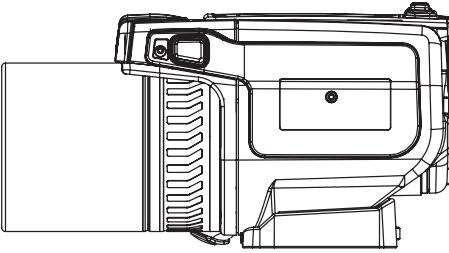
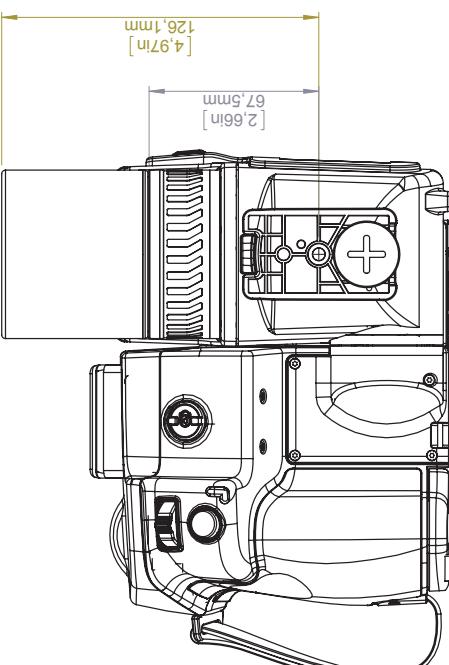
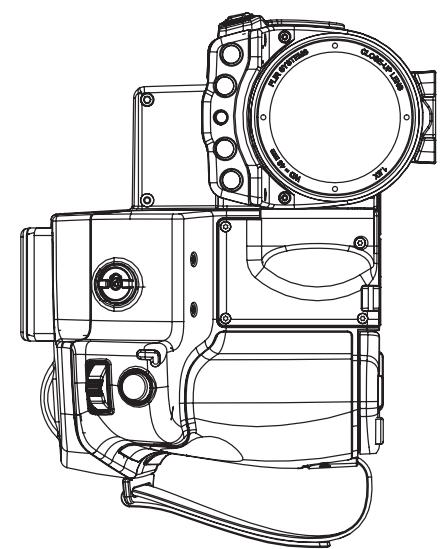
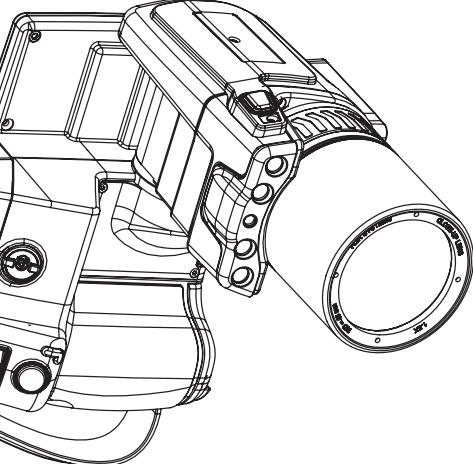
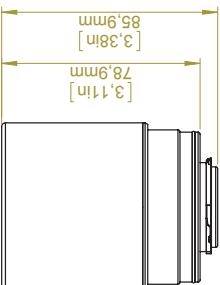
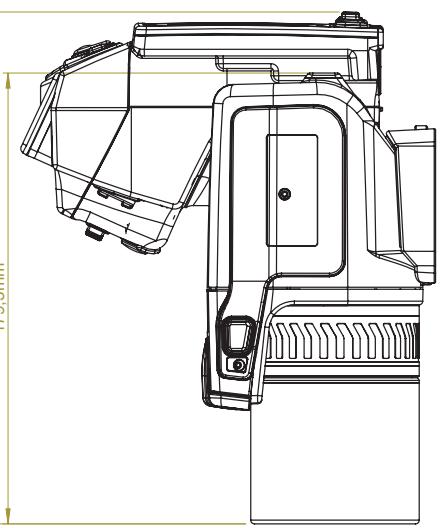
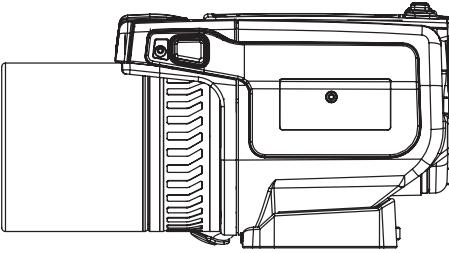
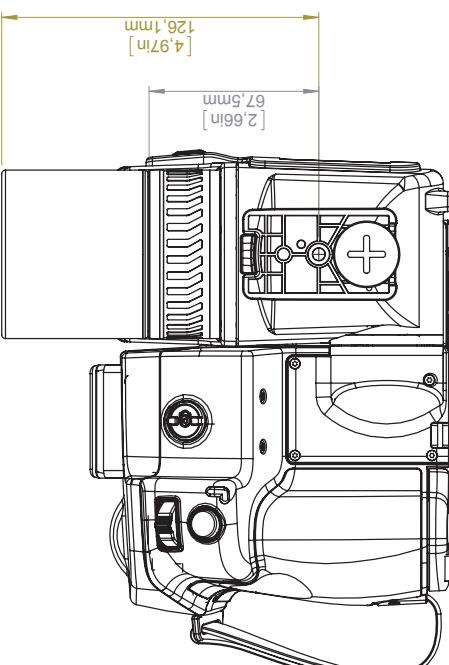
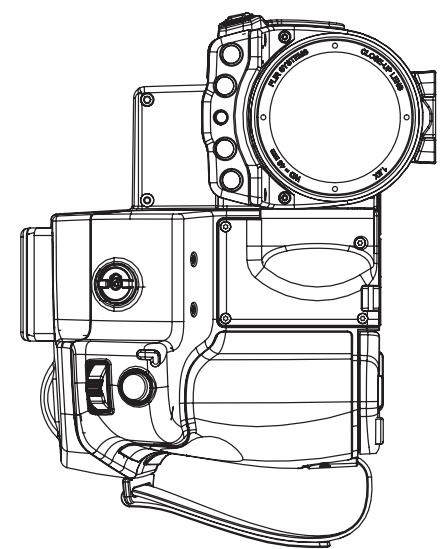
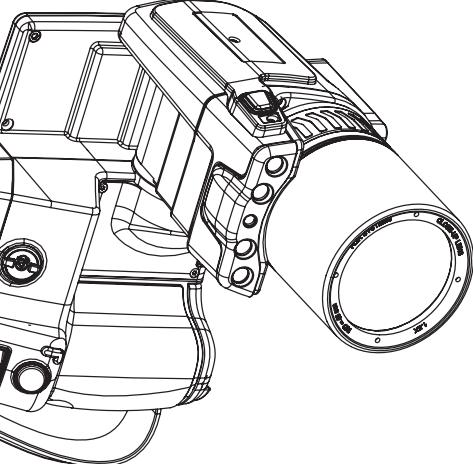
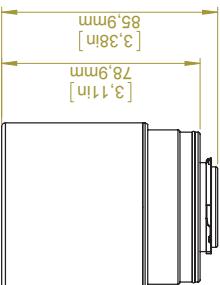
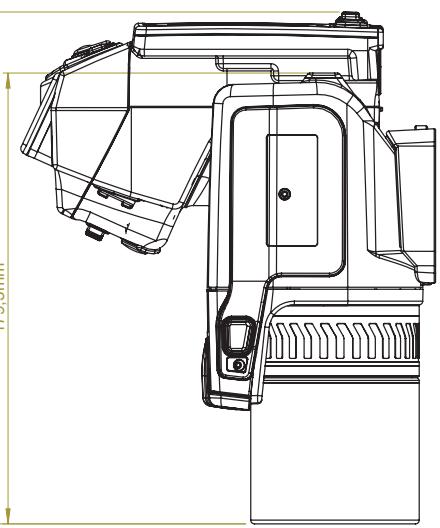
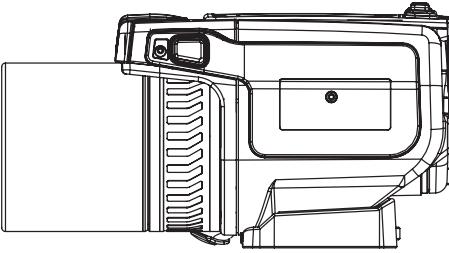
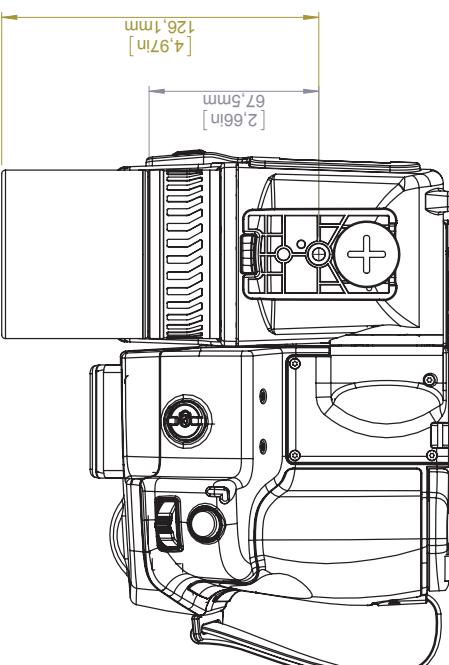
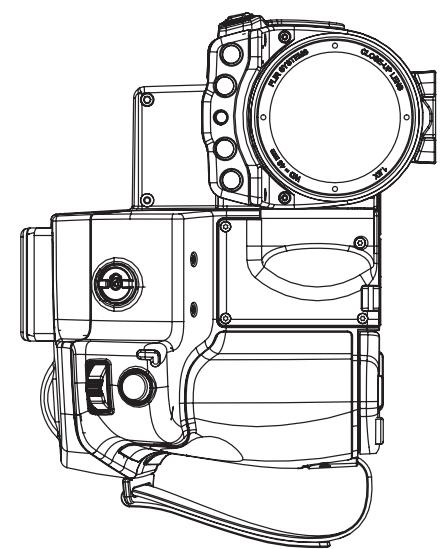
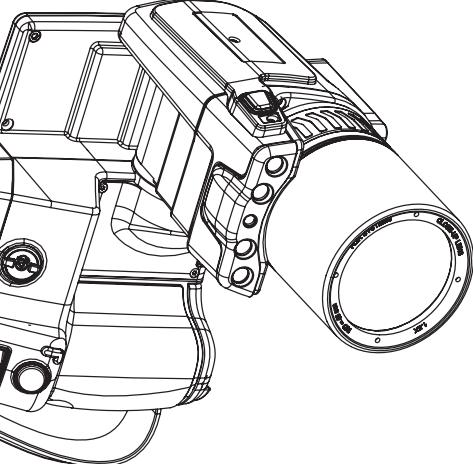
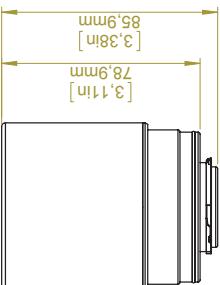
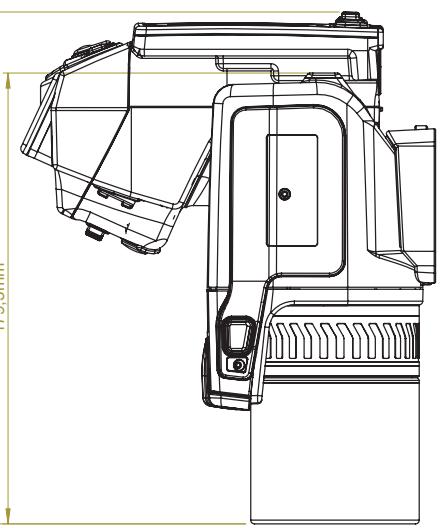
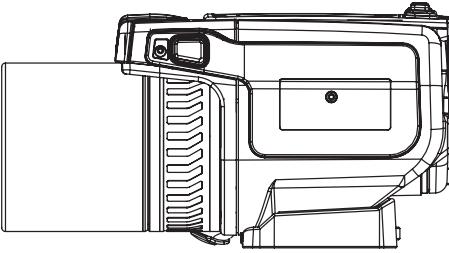
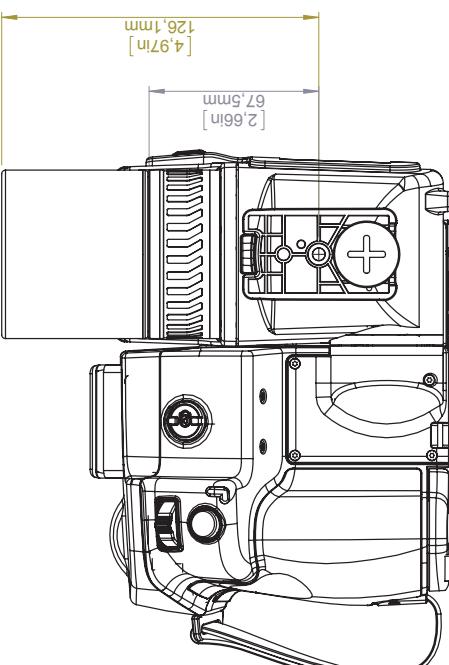
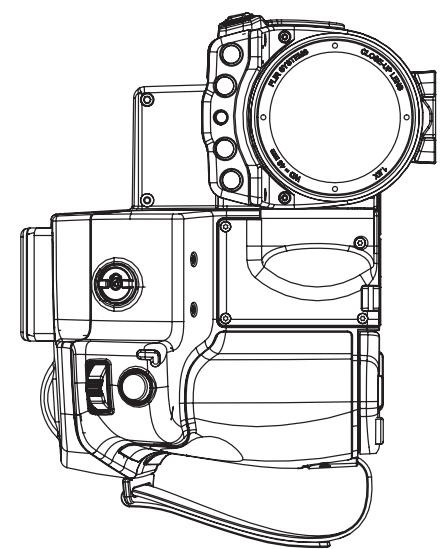
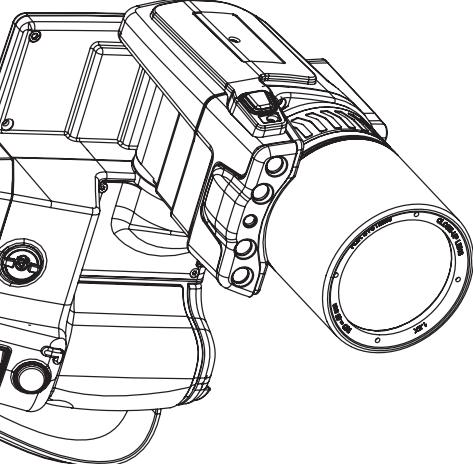
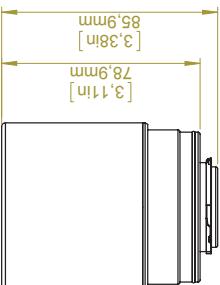
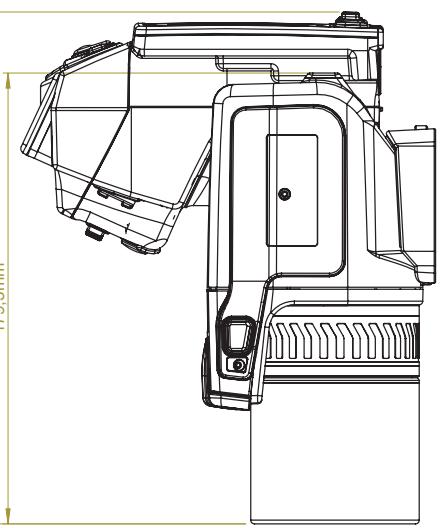
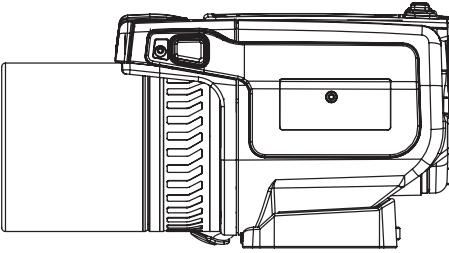
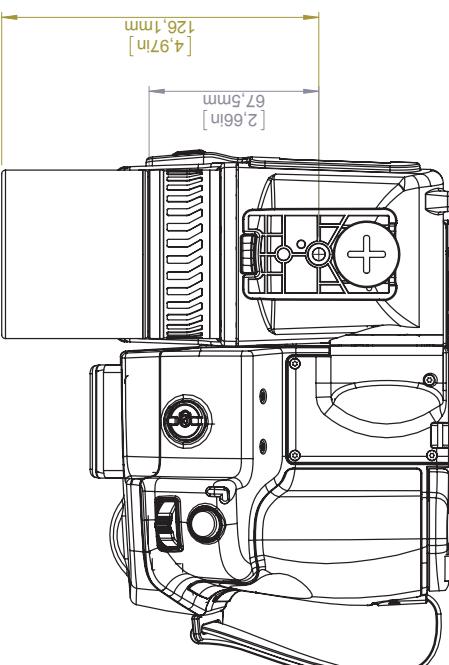
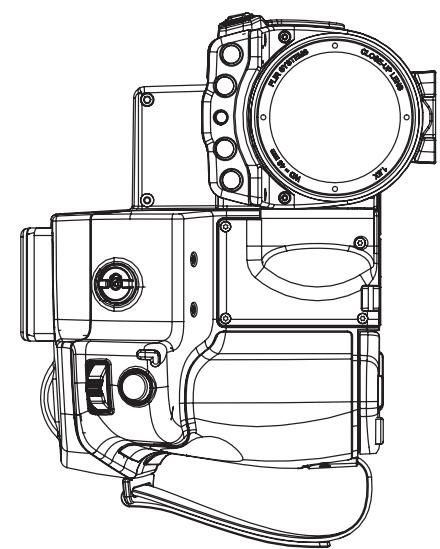
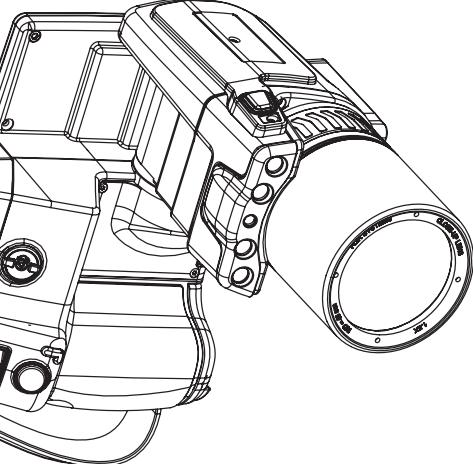
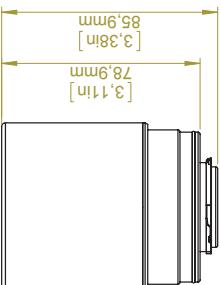
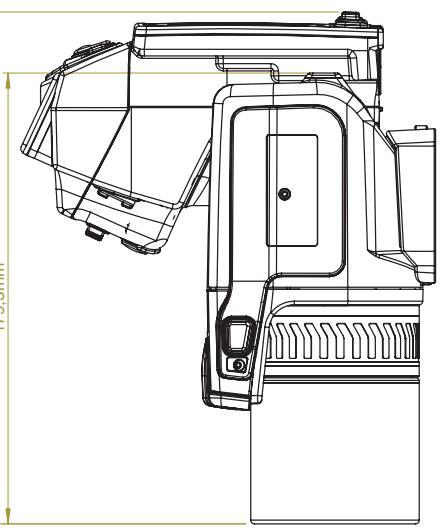
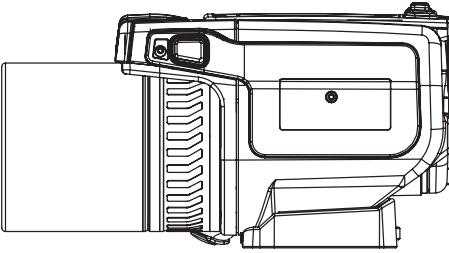
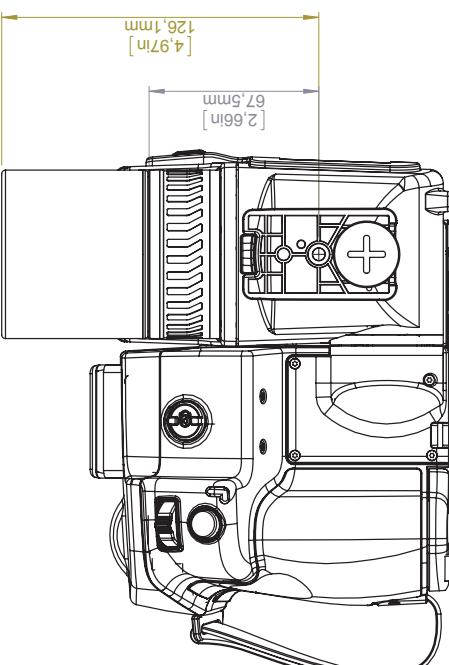
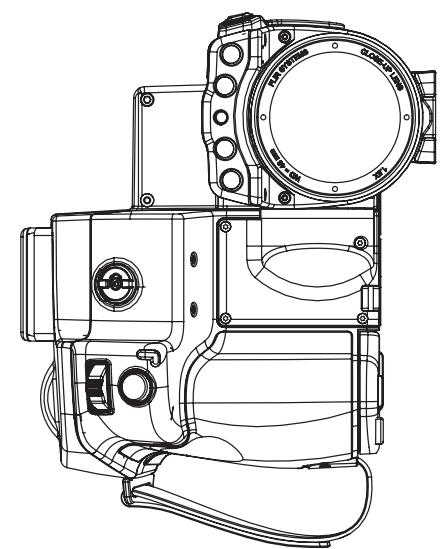
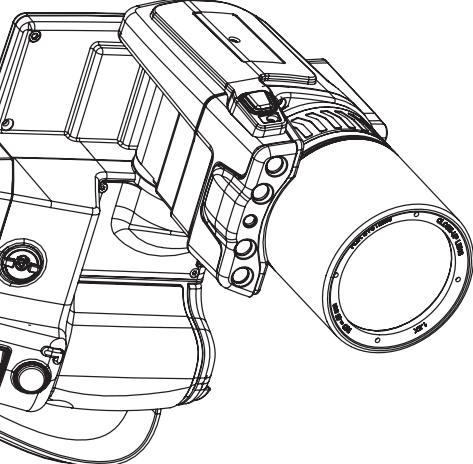
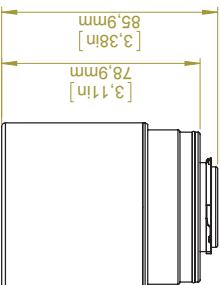
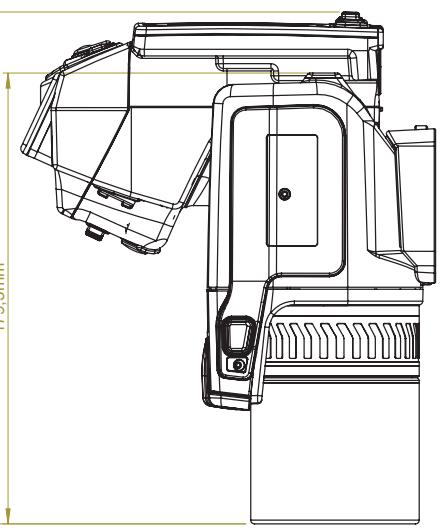
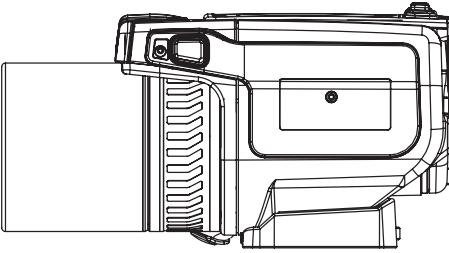
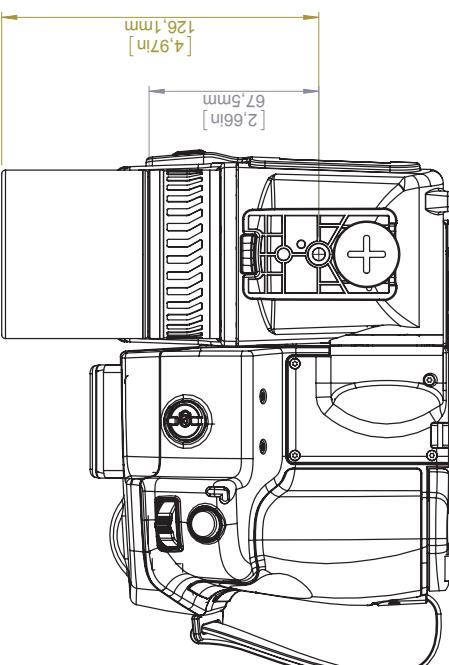
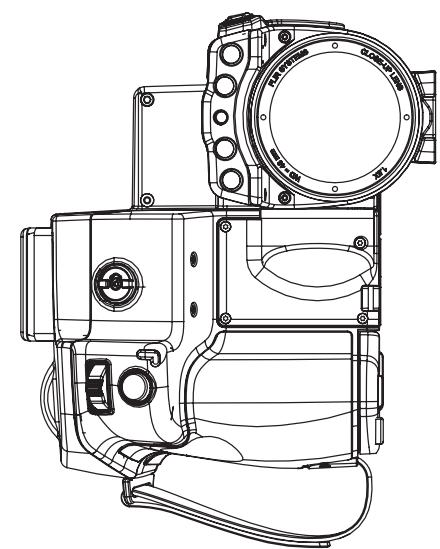
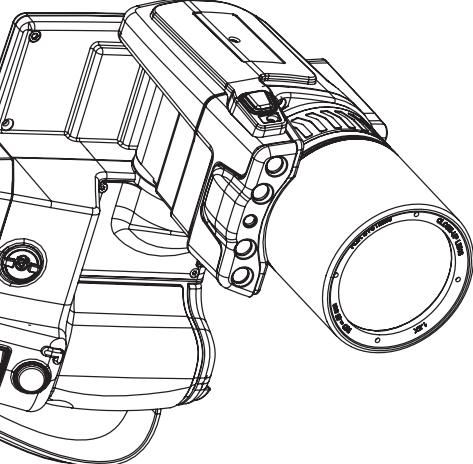
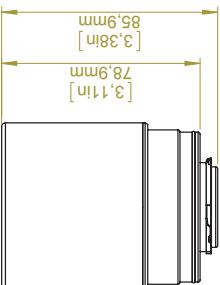
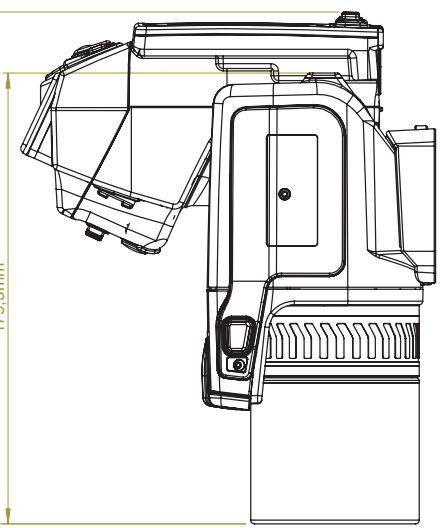
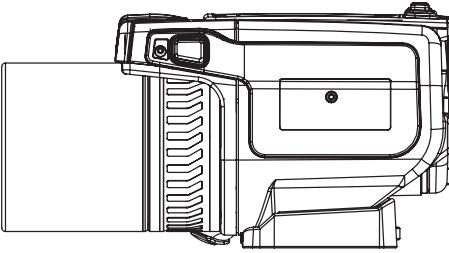
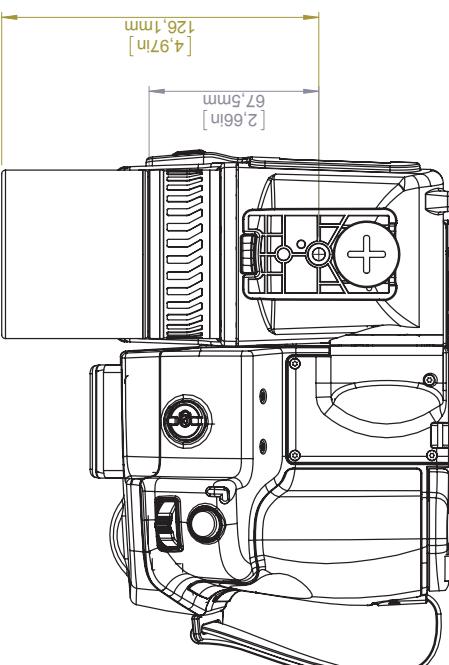
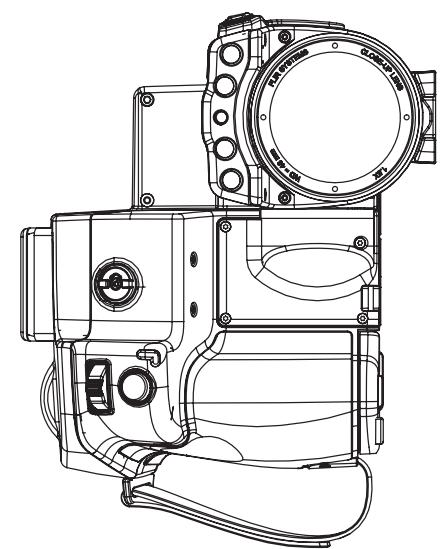
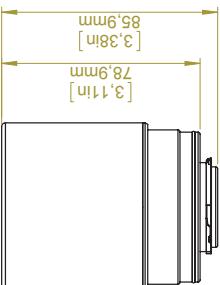
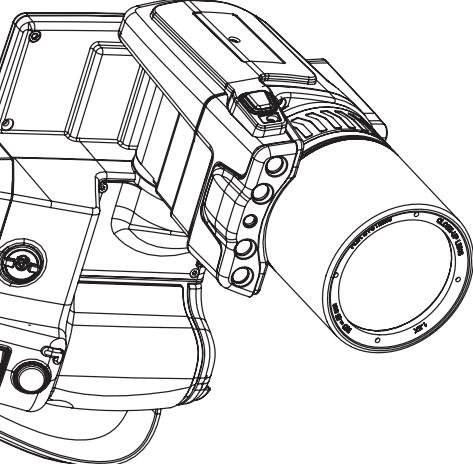
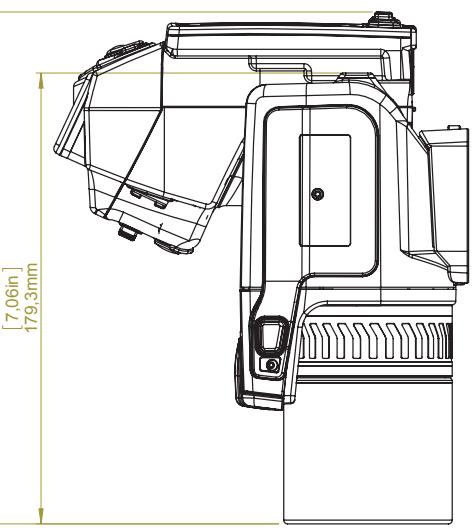
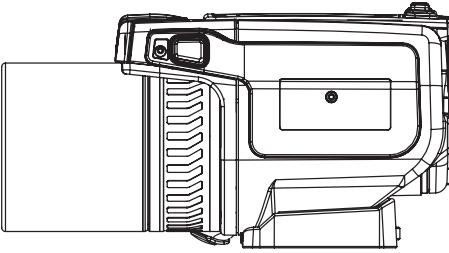
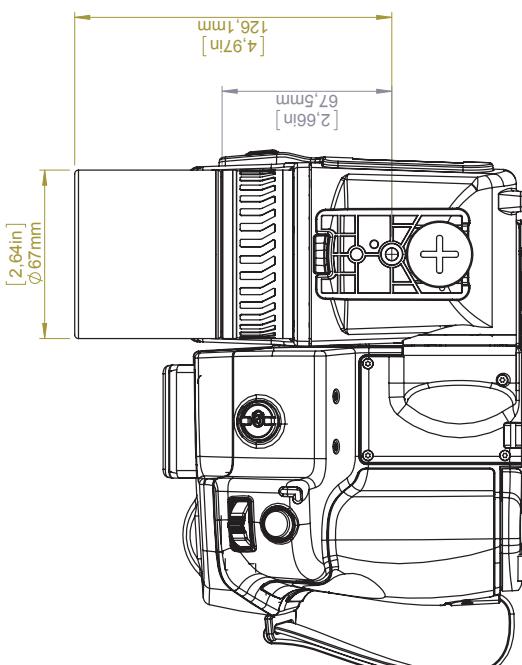
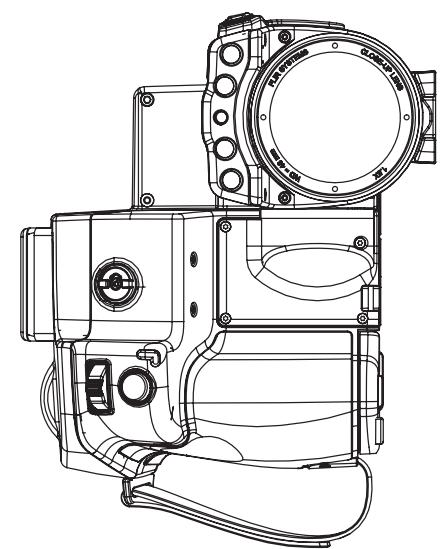
Camera with Close-up lens 1,5X (25 μ m)



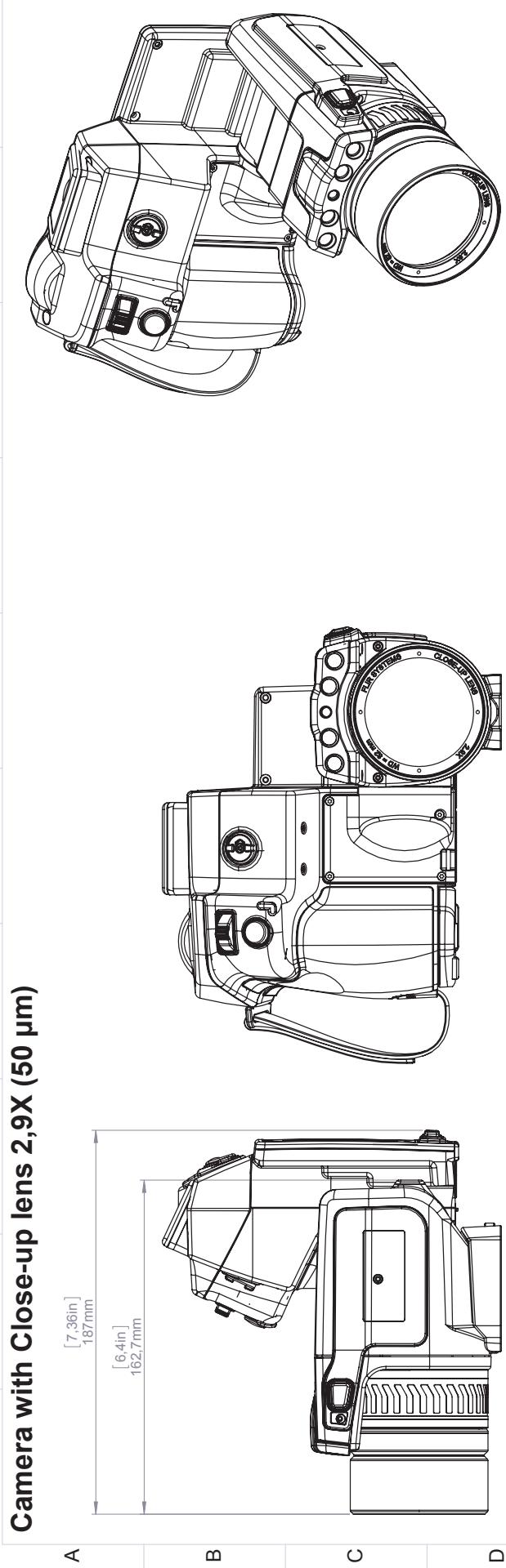
For additional dimensions see page 1

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Size	A
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Drawing No.	T128123

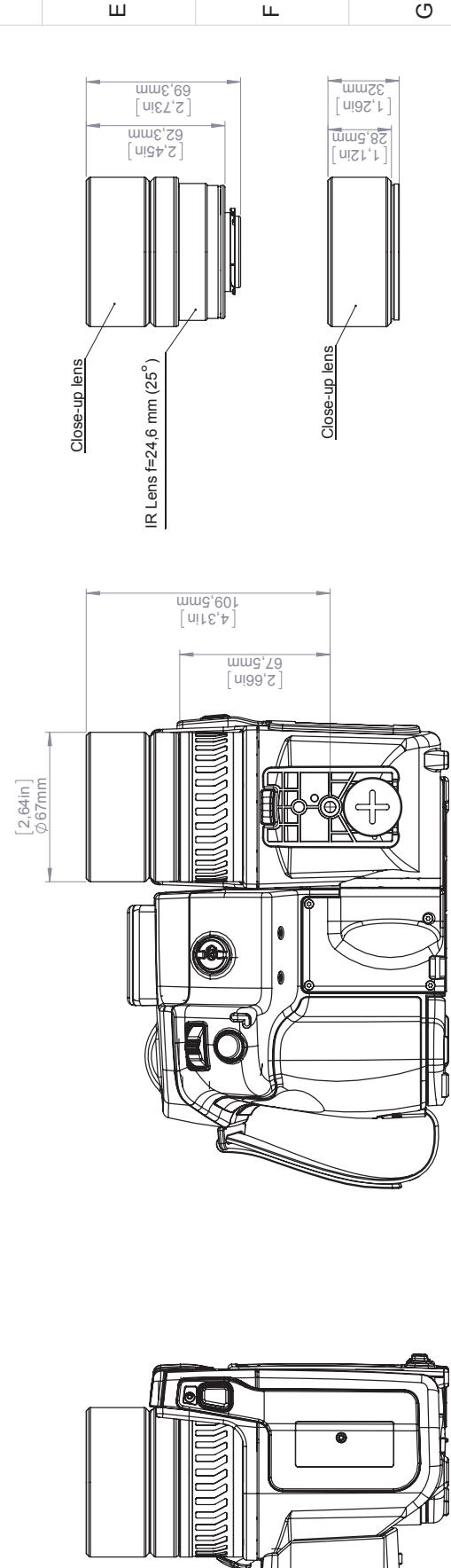
Basic dimensions FLIR T6xx mk II



Camera with Close-up lens 2,9X (50 μm)



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For additional dimensions see page 1

 FLIR		
Size A3	Sheet 8(9)	A
Scale 1:2	1:2	
Modified 2014-02-18	Check JOTA	Drawn by R&D Thermography
Denomination		
Drawing No. T128123		

Basic dimensions FLIR T6xx mk II

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1

4 5 6

4 5 6

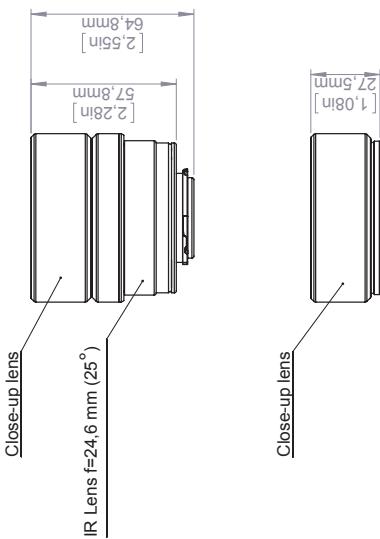
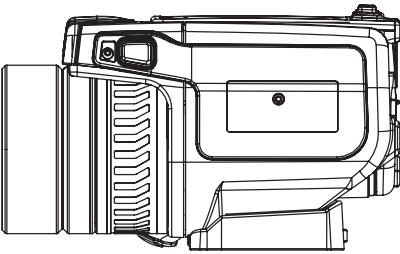
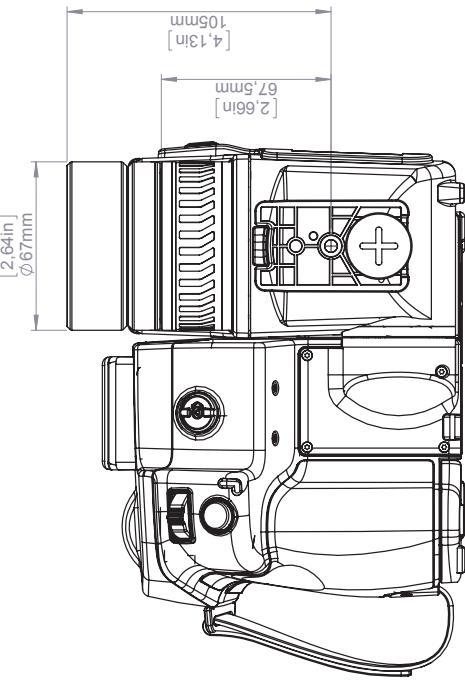
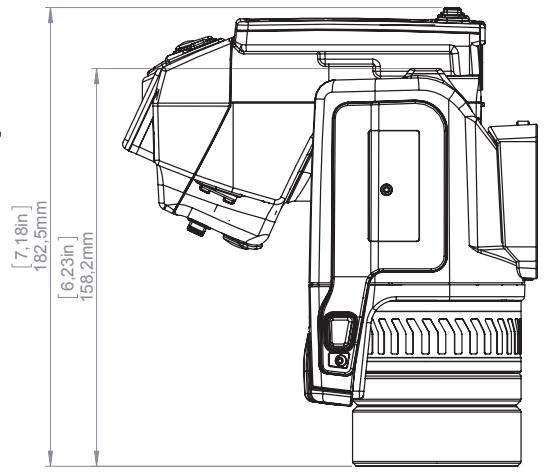
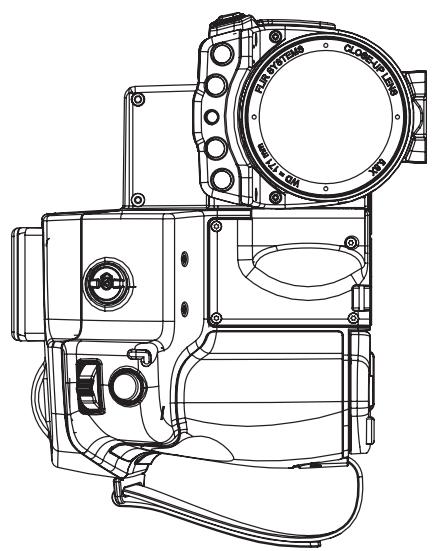
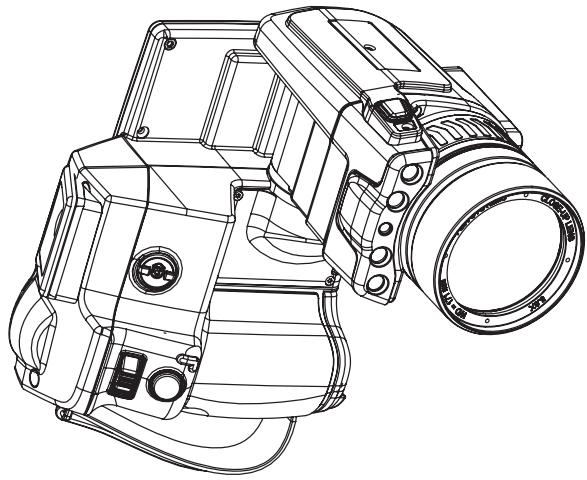
4 5 6

4 5 6

4 5 6

1

Camera with Close-up lens 5,8X (100 µm)



For additional dimensions see page 1

FLIR

Sheet 9(9)	Size A
Scale 1:2	Drawing No. T128123

Basic dimensions EHR T6xx mk ||

Drawn by
R&D Thermography

Modified 2014-02-18 Check JOTA

A3	Scale 1:2		Sheet 9(9)	Size A
	Drawing No.	T1281123		

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The World's Sixth Sense™

January 19, 2018 Täby, Sweden

AQ320250

CE Declaration of Conformity – EU Declaration of Conformity

Product: FLIR T6XX -series

Name and address of the manufacturer:

FLIR Systems AB

PO Box 7376

SE-187 15 Täby, Sweden

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration: FLIR T6XX -series (Product Model Name FLIR-T5590).

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directives:

Directive	2012/19/EU	Waste electrical and electric equipment
Directive	1999/519/EC	Limitation of exposure to electromagnetic fields (SAR)
Directive	2011/65/EU	RoHS and 2015/830/EU (Phtalates)
Directive	2014/53/EU	Radio Equipment Directive (RED)

Standards:

Emission:	EN 61000-6-3:2007	EMC – Generic standards
Immunity:	EN 61000-6-2:2005	Electromagnetic Compability Generic
	EN 301489-1:2008 v1.8.0	ERM – EMC for radio equipment
	EN 301489-17:2009 v2.1.1	ERM – EMC Wideband data
Laser:	EN 60825-1	Safety of laser products
Radio:	ETSI EN 300 328 v2.1.1	Harmonized EN covering essential requirements of the R&TTE Directive
	ETSI EN 301 893 v.2.1.1	5GHz WLAN
	EN 303 413 v1.1.0	Radio Spectrum Efficiency (gps)
SAR:	EN 50360:2001/A1:2012	Human exposure (300 MHz – 3 GHz)
	EN 50566:2013/AC:2014	Handheld general public (30 MHz – 6 GHz)
Safety:	IEC 60950-1:2005+A1:2009+	Information technology equipment
	EN 60950-1:2006+A11:2009+A1:2010	
RoHS	EN 50581:2012	Technical documentation

FLIR Systems AB

Quality Assurance

Lea Dabiri

Quality Manager