



Choose Your Camera

Vaddio® Makes It Easy

Consider the Room Environment

- How large is the room? Where will you place the camera(s) to have an unobstructed view? Large auditoriums need higher magnification than classrooms or conference rooms. Small rooms may need a wide angle of view.
- How much light is in the room? Will the lighting be sufficient for the camera? Normal office lighting is 320 to 500 lux, while moonlight is 1 lux.

Consider Subject Matter & Zoom

What is your subject matter? One person - head and shoulders view? Three people? A group of 20 people? How will you frame the subject matter? Will you need a zoom lens?

Consider Video Output Connections

- Vaddio cameras connect to other equipment, so consider what kind of connections you'll need. What is your camera connected to? What video output format is required?
- Will you need camera cable extensions? Extend your reach with Vaddio's OneLINK digital extenders and Quick Connect HSDS (high speed differential signaling) extenders which extend video, power and control. For details, see Cables and Connections on back.

















Consider Vaddio Cameras

- For best image quality, choose RoboSHOT® 20 UHD or RoboSHOT 40 UHD
- For best low light performance, choose RoboSHOT 30E HDBT
- For widest field of view with PTZ functions, choose a camera from the ConferenceSHOT lineup (74°)
- For widest field of view without PTZ functions, choose HuddleSHOT (130°)
- IP streaming capable: RoboSHOT 12E SDI/HDMI/HDBT/USB Series RoboSHOT 30E SDI/HDMI/HDBT/USB Series

RoboSHOT 20 UHD RoboSHOT 40 UHD ConferenceSHOT Series DocCAM 20 HDBT RoboSHOT IW

All Vaddio cameras include: IR remote, wall mount, mounting hardware, power supply or PoE injector, AC cord set, and EZCamera Control Adapter RJ-45F to DE-9F.

	Direct Output Pan Tilt Zoom (PTZ) Cameras								Q Series PTZ Cameras				Fixed Cameras			
Consider the following to help narrow down your camera selection	UHD Cameras		3G SDI Cameras	HDMI Cameras		HDBT Cameras		USB Cameras		Cat-5 Cameras	HDBT Cameras	USB Cameras		Cat-5 Cameras		
	99		20	2		9 •		8.	22	23	9	0			9	9
Model	RoboSHOT 20 UHD	RoboSHOT 40 UHD	RoboSHOT 12E SDI RoboSHOT 30E SDI		PrimeSHOT 20 HDMI	RoboSHOT 12E HDBT RoboSHOT 30E HDBT	RoboSHOT IW (In-Wall)	RoboSHOT 30E USB	ConferenceSHOT AV	ConferenceSHOT 10	RoboSHOT 12E CAT-5 RoboSHOT 30E CAT-5	DocCAM 20 HDBT	ConferenceSHOT FX	HuddleSHOT	ZoomSHOT 30 (requires Quick-Connect)	WideSHOT S (requires Quick-Conne
Colors	Black/Silver or White	Black or White	Black or White	Black or White	Black or White	Black or White	Black or Primed Frame	Black or White	Black/Silver or White	Black/Silver or White	Black or White	Black with White Trim Ring	Black or White	Black or White	Black/Silver	Black/Silver
Room Size Guidelines	Small, medium, and large rooms	Small, medium, and large rooms	Small, medium, and large rooms	Small, medium, and large rooms	Medium to Large Rooms	Small, medium, and large rooms	Small to medium rooms	Small, medium, and large rooms	Small and medium rooms	Small and medium rooms	Small, medium, and large rooms	Small, medium, and large rooms	Small rooms	Small rooms	Medium to large rooms	Small conferer rooms
Zoom	20x	40x	12x or 30x	12x or 30x	20x	12x or 30x	12x	30x	10x	10x	12x or 30x	20x	3x	2x	30x	-
Horiz. Field of View	74.0° Wide End to 3.7° Tele End	70.2° Wide End to 4.1° Tele End	70.2° Wide End (12E & 30E) to 6.8° Tele End (12E) or 3.1° Tele End (30E)	70.2° Wide End e (12E & 30E) to 6.8° Tele End (12E) or 3.1° Tele End (30E)	55.4° Wide End to 2.9° Tele End	70.2° Wide End (12E & 30E) to 6.8° Tele End (12E) or 3.1° Tele End (30E)	73.0° Wide End to 6.6° Tele End	70.2° Wide End to 3.1° Tele End	74° Wide End to 7.6° Tele End	74° Wide End to 7.6° Tele End	70.2° Wide End (12E & 30E) to 6.8° Tele End (12E) or 3.1° Tele End (30E)	60° Wide End to 3.3° Tele End	88° Wide End to 46° Tele End	130° Wide End	63.0° Wide End to 3.1° Tele End	111° Wide Er
Minimum Illumination (50 IRE, 1/30 sec)	0.75 Lux (F1.8)	1.0 Lux (F1.6), 100+ Lux recommended	1.0 Lux (F1.6), 100+ Lux recommended	1.0 Lux (F1.6), 100+ Lux recommended	0.5 Lux (F1.6)	1.0 Lux (F1.6), 100+ Lux recommended	0.4 Lux (F1.6)	1.0 Lux (F1.6), 100+ Lux recommended	1.0 Lux (F1.8)	1.0 Lux (F1.8)	1.0 Lux (F1.6), 100+ Lux recommended	0.4 Lux (F1.6)	0.15 Lux (F1.5)	.015 Lux	0.3 Lux (F1.6)	0.2 Lux (F1.8
Video Outputs	Simultaneous -3G-SDI -HDMI -IP Streaming -HDBaseT	Simultaneous -3G-SDI -HDMI -IP Streaming -HDBaseT	Simultaneous -3G-SDI -HDMI -IP Streaming	Simultaneous -HDMI -IP Streaming	Simultaneous -HDMI -S-Video -IP Streaming	Simultaneous -HDMI -IP Streaming -HDBaseT	HDBaseT	Simultaneous -HDMI -IP Streaming -USB 3.0	Simultaneous -USB 3.0 -IP Streaming	Simultaneous -USB 3.0 -IP Streaming	Depends on choice of Quick Connect Extension System	HDBaseT	Simultaneous -USB 3.0 -IP Streaming	Simultaneous -USB 3.0 -IP Streaming	Depends on choice of Quick Connect Extension System	Depends on cho of Quick Conne Extension Syste
Audio Features	-	-	-	-	-	-	-	-	Inputs: 2 EasyMic Port: Outputs: Line level balanced audio (supports optional speaker)	S -	-	-	-	EasyMic Port for optional expansion CeilingMIC or TableMIC Integrated 10W Speakers Integrated Microphone	-	-
PoE Compatibility	PoE++	PoE++	PoE+	PoE+	-	PoE+	PoE+	PoE+	PoE+	PoE+	-	PoE+	-	PoE+	-	-
Web Interface for Remote Control	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	-	-
Control Methods	Joystick, Web UI, Touch Screen, Telnet, RS-232 and IR Remote	Joystick, Web UI, Touch Screen, Telnet, RS-232 and IR Remote	Joystick, Web UI, Touch Screen, Telnet, RS-232 and IR Remote	Joystick, Web UI, Touch Screen, Telnet, RS-232 and IR Remote	Joystick, Web UI, Touch Screen, Telnet, RS-232 and IR Remote	Joystick, Web UI, Touch Screen, Telnet, RS-232 and IR Remote	Joystick, Web UI, Touch Screen, Telnet, RS-232 and IR Remote	Joystick, Web UI, Touch Screen, Telnet, RS-232 and IR Remote	Joystick, Web UI, Touch Screen, Telnet, RS-232 and IR Remote	Joystick, Web UI, Touch Screen, Telnet, RS-232 and IR Remote	Joystick, Web UI, Telnet, RS-232 and IR Remote	Joystick, Web UI, Telnet, RS-232 and IR Remote	Web UI, Telnet, RS-232 and IR Remote	Web UI, Telnet, RS-232 and Bluetooth Remote	RS-232 and IR Remote	RS-232 and IR Remote
uick-Connect Compatibility	No	No	No	No	No	No	No	No	No	No	QDVI, QUSB, Qmini, QCCU	No	No	No	QDVI, QUSB, Qmini, QCCU	QDVI, QUSE Qmini, QCCI
OneLINK Compatibility	Native	Native	With OneLINK EZIM	With OneLINK EZIM	With OneLINK EZIM	Native	Native	Native	No	No	No	Native	No	No	No	No
OneLINK HDMI adds:		Power, Control and	328 ft (100 m) Video, Power, Control and Network Extension	328 ft (100 m) Video, Power, Control and Network Extension	-	328 ft (100 m) Video, Power, Control and Network Extension			-	-	-	328 ft (100 m) Video, Power, Control and Network Extension, HDMI		-	-	-
OneLINK Bridge adds:	328 ft (100 m) Power, Video, Control Extension, Audio Mixer, USB 3.0	328 ft (100 m) Power, Video, Control Extension, Audio Mixer, USB 3.0	328 ft (100 m) Power, Video, Control Extension, Audio Mixer, USB 3.0	328 ft (100 m) Power, Video, Control Extension, Audio Mixer, USB 3.0	-	328 ft (100 m) Power, Video, Control Extension, HDMI, 3G-SDI, Audio Mixer, USB 3.0	328 ft (100 m) Power, Video, Control Extension, HDMI, 3G-SDI, Audio Mixer, USB 3.0	328 ft (100 m) Power, Video, Control Extension, HDMI, 3G-SDI, Audio Mixer	-	-	-	328 ft (100 m) Power, Video, Control Extension, HDMI, 3G-SDI, Audio Mixer	-	-	-	-
PTZ Motors	Silent BLDC Direct Drive Motors	Silent BLDC Direct Drive Motors	Silent BLDC Direct Drive Motors	Silent BLDC Direct Drive Motors	Stepper Motors	Silent BLDC Direct Drive Motors	Stepper Motors	Silent BLDC Direct Drive Motors	Stepper Motors	Stepper Motors	Silent BLDC Direct Drive Motors	No Motors	No Motors	No Motors	No Motors	No Motors
Tri-Sync Motion	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	No	Yes	No	No	No	No	No
Pan/Tilt Range	Pan + 160°, Tilt: +90° to -30°	Pan + 160°, Tilt: +90° to -30°	Pan + 160°, Tilt: +90° to -30°	Pan + 160°, Tilt: +90° to -30°	Pan + 160°, Tilt: +90° to -30°	Pan + 160°, Tilt: +90° to -30°	Pan: ± 31°, Tilt: +18° to -30°	Pan + 160°, Tilt: +90° to -30°	Pan + 160°, Tilt: +90° to -30°	Pan + 160°, Tilt: +90° to -30°	Pan + 160°, Tilt: +90° to -30°	No	Fixed: Pan(Manual): ±170°, Tilt(Manual): +90° to -30°	: No	Fixed: Pan(Manual): ± 180° Tilt(Manual): ± 30°	Fixed: Pan(Manuel): ± 3
Image Sensor Type	1/2.3 Exmor R CMOS	1/2.5 Exmor R CMOS	1/2.5 Exmor R CMOS	1/2.5 Exmor R CMOS	1/3 CMOS	1/2.5 Exmor R CMOS	1/2.8 Exmor CMOS	1/2.5 Exmor R CMOS	1/2.8 Exmor CMOS	1/2.8 Exmor CMOS	1/2.5 Exmor R CMOS	1/2.8 Exmor CMOS	1/1.9 Exmor CMOS	1/2" CMOS	1/2.8 Exmor CMOS	1/1.9 Exmor CM
Pixels	8.93 Megapixel (9.03 Total MP)	8.93 Megapixel (9.03 Total MP)	8.93 Megapixel (9.03 Total MP)	8.93 Megapixel (9.03 Total MP)	2.12 Megapixel (2.38 Total MP)	8.93 Megapixel (9.03 Total MP)	2.14 Megapixel (2.38 Total MP)	8.93 Megapixel (9.03 Total MP)	2.14 Megapixel (2.38 Total MP)	2.14 Megapixel (2.38 Total MP)	8.93 Megapixel (9.03 Total MP)	2.14 Megapixel (2.38 Total MP)	2.14 Megapixel (2.38 Total MP)	2.12 Megapixel (2.42 Total MP)	2.14 Megapixel (2.38 Total MP)	2.14 Megapix (2.38 Total M
Top Resolution	UHD - 2160p/29.97	UHD - 2160p/29.97	HD - 1080p/60	HD - 1080p/60	HD - 1080p/60	HD - 1080p/60	HD - 1080p/60	HD - 1080p/60	HD - 1080p/60	HD - 1080p/60	HD - 1080p/60	HD - 1080p/60	HD - 1080p/60	HD - 1080p/60	HD - 1080p/60	HD - 1080p/6
Invertible	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Video Signal/Noise Ratio	>50 dB	>50 dB	>50 dB	>50 dB	>50 dB	>50 dB	>50 dB	>50 dB	>50 dB	>50 dB	>50 dB	>50 dB	>50 dB	>50 dB	>50 dB	>50 dB
Camera Origin	USA MIN	USA MN	USA MN	USA MN	USR MN	USA	USA MN	USA MN	USA MN	USA MN	USA MN	USA MN	USA MN	USA MN	USA MN	USA MN
Warranty	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years

The Next Generation.



RoboSHOT Elite Series

Professional PTZ Cameras

Designed with new technologies for picture-perfect HD brilliance





RoboSHOT UHD

RoboSHOT UHD PTZ cameras provide crystal clear ultra high definition video, a variety of simultaneous outputs and offer Tri-Synchronous motion technology for smooth, simultaneous 3-axis pan/tilt/zoom movement.

The **RoboSHOT 40 UHD** is a broadcast-quality PTZ camera that gives you 40x zoom, genlock capabilities, silky smooth pan-tilt-zoom motion, and outstanding 4K image quality – all at a surprisingly competitive price. Whether it's campus news, sporting events, esports, government meetings or wedding ceremonies, you can count on RoboSHOT 40 UHD for truly brilliant video footage for broadcasting, streaming and recording.

The RoboSHOT 20 UHD is an ultra HD PTZ camera with pristine image quality and outstanding low-light performance. This 4K camera offers enterprise-class features including administrative control and remote operation via web interface and IP streaming. Designed with a 20x zoom and 74° FOV, it's ideal for medium to large spaces for applications such as higher education, corporate broadcast and houses of worship.

Extension Systems

Extend your reach and simplify installation with Vaddio's cable extension systems.

Cable Extension Systems for Video, Power and Control								
Product	Outputs	Distance	# Cat-5 Cables	Transport Type				
OneLINK HDMI	HDMI, IP Streaming with capable camera	328' (100 m)	One	HDBaseT				
OneLINK Bridge	HDMI, SDI, USB 3.0, Audio, IP Streaming with capable camera	328' (100 m)	One	HDBaseT				

Cable Extension Systems for Video, Power and Control									
Product	Outputs	Distance	# Cat-5 Cables	Transport Type					
Quick-Connect QMini	USB 2.0	100' (30 m)	Two	HSDS, High Speed Differential					
Quick-Connect QDVI	DVI/HDMI and Analog YPbPr	100' (30 m)	Two	HSDS, High Speed Differential					
Quick-Connect QUSB	HDMI, YPbPr and USB 2.0, IP streaming	100' (30 m)	Two	HSDS, High Speed Differential					
Quick-Connect QCCU	HDMI, YPbPr and HD-SDI	500' (152 m)	Three	HSDS, High Speed Differential					



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