

TICO-640B

THERMAL IMAGING CLIP-ON

Easily changes daytime scope to thermal imaging

Mounts in front of daytime scope, no re-zeroing required

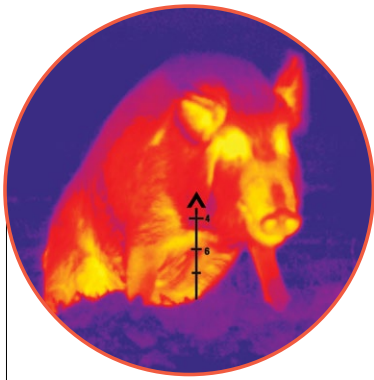


Video output

Resistant to all severe operating conditions

Lightweight and rugged

Comes with quick release mount



• TICO WITH TRIJICON® ACOG

Representing the latest advancement in thermal imaging technology, the ATN TICO-Series thermal clip-on gives your daytime scope thermal imaging capability in a matter of seconds.

The ATN TICO-Series mounts in front of a daytime scope to enable thermal vision in day or nighttime operation. No shift of impact, no need to rezero nor change of eye relief occurs. The ATN TICO-Series uses advanced thermal technology for outstanding resolution and performance.

Precision optical alignment is essential for any front sight system to work properly. Therefore every ATN TICO-Series is individually tested and aligned to the highest tolerances to provide perfect alignment.

SPECIFICATIONS

Model	TICO-640
Sensor (microbolometer)	640x512
Frame rate	30 Hz
Material	VoX
Image size (output resolution)	800x600 px
Video output	Digital NTSC / PAL
Display	Color OLED matrix, SVGA< 800x600
Thermal sensitivity	<50 mK
Spectral response	7-14 μ m
Field of view (H x V)	9° x 7°
Optical magnification	1x
Pixel size	17 μ m
Distance of human detection (w/o zoom)	1100 m
Distance of human recognition (w/o zoom)	400 m
Distance of human identification (w/o zoom)	225 m
Distance of vehicle detection (w/o zoom)	2425 m
Distance of vehicle recognition (w/o zoom)	875 m
Distance of vehicle identification (w/o zoom)	525 m
Contrast adjustment	Manual
Polarity control	White hot / Black hot / Multiple Color Modes
Start-up time	<3 s
Waterproof	Waterproof / Dustproof
Battery type	2 x CR123A
Battery life	4+ h
Mounting bracket	MIL-STD 1913 Picatinny (Quick Detach)
Video output	Yes
Low battery indicator	Yes
Iconology	Quick access via Icon driven feature controls
Housing	Aircraft Aluminum 6061 T6 w/hard anodized coating
Objective lens	50 mm, full MIL SPEC, with DLC coating
Dimensions (with mount)	189 x 69 x 65 mm/7.45 x 2.7 x 2.56"
Weight	0.64 kg / 1.45 lbs
Warranty	1 year

Export Warning: These products are subject to one or more of the export control laws and regulations of the U.S. Government. Pending the model these products are under the control jurisdiction of the US Department of State, the US Bureau of Industry and Security or the US Department of Commerce. Export without proper licensing or consent is strictly prohibited.