

CORE POLE CAMERA

SPEC SHEET

CORE LINE
PRODUCT



IDENTIFICATION



CORE

CORE PRODUCT LINE: Engineered and manufactured by Tactical Electronics

FEATURES:

- › High-Definition 1280x720p Monochrome Video
- › Longwave infrared (LWIR) thermal imager
- › 4 High-intensity White and LED Illumination
- › Telescopic pole with locking sections
- › Lightweight high density graphite pole
- › Omni-directional microphone
- › Attaches to POLE Grip, or CORE Grip
- › Wireless Video Transmission - 5 GHz
- › AES Encryption
- › WPA2-PSK Authentication
- › Graphical LCD for status information
- › Hardwire video option
- › Backlit push buttons
- › MicroSD card video recording (32GB)

DESCRIPTION

Extend your vision and tactical inspections with the CORE Pole Camera. This telescoping HD pole camera combines extreme low light sensitivity with thermal fusion technology to provide unsurpassed detail and definition. The camera is attached to a telescoping POLE Grip, available in both 10ft and 17ft lengths. Poles are constructed of high density graphite, feature locking extensions and collapse to under 4ft for easy deployment and stow away.

Video is streamed wirelessly to the CORE monitor over an AES encrypted channel. An optional hardwire cable connection is also available. High-intensity visible and IR illumination is controlled and adjusted directly from the POLE Grip or remotely on the CORE Monitor. An omni-directional microphone gives you the option to record audio and video onto a 32 GB micro SD card. The CORE Pole Camera is powered by three CR123 batteries and delivers a runtime of 2.5 hours.



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CAMERA WEIGHT:	11.0oz / 0.31kg
CAMERA DIMENSIONS:	L 11.375in x W 1.65in x D 1.29in / L 28.9cm x W 4.19cm x D 3.28cm
POLE GRIP WEIGHT:	10ft POLE Grip = 2.0lb 12.0oz / 1.25kg 17ft POLE Grip = 3.0lb 10.0oz / 1.64kg
POLE GRIP DIMENSIONS:	10ft POLE Grip = L 10ft 7in x W 3.25in x D 1.83in (3ft 1in collapsed) 17ft POLE Grip = L 17ft 6in x W 3.25in x D 1.83in (3ft 11in collapsed)
POLE GRIP DIMENSIONS (METRIC):	10ft POLE Grip = L 3.22m x W 8.25cm x D 4.65cm (0.635m collapsed) 17ft POLE Grip = L 5.33m x W 8.25cm x D 4.65cm (1.193m collapsed)
POWER SUPPLY:	Three CR123 batteries
RUNTIME:	2.5 hours
HOUSING MATERIAL:	Polycarbonate+PBT (Valox 357U) and 6061-T6 Aluminum
OPERATING TEMPERATURE:	-4°F to 122°F
OPERATING TEMPERATURE (METRIC):	-20°C to 50°C
FREQUENCY RANGE:	5 GHz (Worldwide Availability)
WIRELESS ENCRYPTION:	128-bit AES Encryption with WPA2-PSK Authentication
TRANSMISSION DISTANCE:	650ft, Line of Sight / 200m, Line of Sight
COMPATIBLE MONITORS:	CORE Monitor
CAMERA SENSOR TYPE:	1/3in CMOS Monochrome Digital Image Sensor
CAMERA RESOLUTION / FRAME RATE:	1280 x 720p @ 30fps
HORIZONTAL FOV°	Visible = 70° / Thermal = 51°
LENS FOCAL LENGTH	4.2mm
ILLUMINATION:	4ea High-intensity White (3000K) and IR (950nm) LEDs; 0 - 100% dimming
POLE MATERIAL:	High Density Graphite
THERMAL SENSOR TYPE:	Longwave Infrared (LWIR), 8µm to 14µm
THERMAL SENSOR RESOLUTION:	80 x 60px
STORAGE MEDIA:	MicroSD Card
RECORDING CAPACITY:	32GB



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