

CORE POLE CAMERA

SPEC SHEET: TACTICAL ELECTRONICS



IDENTIFICATION



CORE

ELITE CAMERA SYSTEMS BY TACTICAL ELECTRONICS

FEATURES



WIRELESS

5GHz wireless, real-time video transmission



THERMAL VIDEO

Thermal signatures merged with outlines & details



MODULAR

Attach camera to both the CORE Grip & POLE Grip



ENCRYPTED

Transmits AES encrypted video directly to monitor

- > **HD VIDEO:** HD 1280x720p monochrome image sensor
- > **TOGGLE:** Remote toggle between HD & thermal video
- > **ILLUMINATION:** 4 white & 4 IR high-intensity LEDs
- > **TELESCOPIC POLE:** Locking pole extends & collapses
- > **AUDIO:** Omni-directional microphone records audio
- > **HARDWIRE:** Hardwire for RF-restricted environments
- > **SNAPSHOT:** Instantly record a still image of live video
- > **RECORDING:** Records video & audio to micro SD card
- > **LCD STATUS SCREEN:** View system status information
- > **BACKLIT BUTTONS:** View push buttons in low light

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. The POLE Grip is available in multiple sizes: 8ft extended, 10ft extended, 17ft extended, and a Hinged 17ft extended.

Each pole is constructed of high density graphite, features locking extensions, and collapses down to 28in (8ft POLE Grip), 37in (10ft POLE Grip), 47in (17ft POLE Grip), and 35in (17ft Hinged POLE Grip) 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.



CONTACT :

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DOCUMENT :

OFFICIAL SPECIFICATIONS
SHEET *PROPRIETARY*

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SPEC SHEET :

PRODUCT SPECIFICATIONS
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SPECIFICATIONS

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:	08ft POLE Grip = ~2.0lb 6.6oz / ~1.09kg 10ft POLE Grip = 2.0lb 12.0oz / 1.25kg 17ft POLE Grip = 3.0lb 10.0oz / 1.64kg 17ft Hinged POLE Grip = 4.2lbs / 1.9kg
POLE GRIP DIMENSIONS:	08ft POLE Grip = L 7.0ft 11.75in x W 3.25in x D 1.83in (28in collapsed) 10ft POLE Grip = L 10ft 7in x W 3.25in x D 1.83in (37in collapsed) 17ft POLE Grip = L 17ft 6in x W 3.25in x D 1.83in (47in collapsed) 17ft Hinged POLE Grip = L 17ft 1in x W 3.25in x D 1.83in (35in collapsed)
POLE GRIP DIMENSIONS (METRIC):	08ft POLE Grip = L 0.00cm x W 8.25cm x D 4.65cm (71.12cm collapsed) 10ft POLE Grip = L 322cm x W 8.25cm x D 4.65cm (322cm collapsed) 17ft POLE Grip = L 533cm x W 8.25cm x D 4.65cm (119cm collapsed) 17ft Hinged POLE Grip = L 521cm x W 8.25cm x D 4.65cm (88.9cm collapsed)
POWER SUPPLY:	Three CR123 batteries
RUNTIME:	1.5 hours @ -10°C / 2.5 hours @ 21°C / 1.5 hours @ 50°C
HOUSING MATERIAL:	Polycarbonate+PBT (Valox 357U) and 6061-T6 Aluminum
OPERATING TEMPERATURE:	-4°F to 122°F / -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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