

CORE POLE CAMERA

SPEC SHEET: TACTICAL ELECTRONICS



IDENTIFICATION



CORE

ELITE CAMERA SYSTEMS BY TACTICAL ELECTRONICS

FEATURES



WIRELESS

5GHz wireless, real-time video transmission



ENCRYPTED

Transmits AES encrypted video directly to monitor



MODULAR

Attach camera to both the CORE Grip & POLE Grip



SD RECORDING

Automatic video recording to a 32GB Micro SD card

- > **HD VIDEO:** HD 1280x720p monochrome image sensor
- > **THERMAL VIDEO:** Integrated LWIR thermal imager
- > **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
- > **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, 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.



CONTACT :

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OFFICIAL SPECIFICATIONS SHEET *PROPRIETARY*

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SPEC SHEET :

PRODUCT SPECIFICATIONS AND INFORMATION ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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▼ SPECIFICATIONS

| | |
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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 17ft Hinged POLE Grip = 4.2lbs / 1.9kg |
| 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) 17ft Hinged POLE Grip = L 17ft 1in x W 3.25in x D 1.83in (2ft 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) 17ft Hinged POLE Grip = L 5.21m x W 8.25cm x D 4.65cm (0.889m 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 |
| 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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