

# CORE MONITOR

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



### THERMAL FUSION

Thermal signatures merged with outlines & details



### ADJUSTABLE LEDS

Adjustable high-intensity LED illumination (0-100%)

- > **HD VIDEO:** View live HD video from CORE Cameras
- > **DISPLAY:** 5.0in IPS LCD with a capacitive touchscreen
- > **SCREEN:** 1.0mm Corning Gorilla Glass screen
- > **LED ILLUMINATION:** Four high-intensity white LEDs
- > **TOGGLE:** Remote toggle between HD & thermal video
- > **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
- > **PAIRING:** Secure pairing to multiple CORE Cameras

## DESCRIPTION

The CORE Monitor displays high-definition video from all CORE cameras over an AES encrypted 5 GHz wireless channel. The display screen is 5.0 inches and made of 1mm Gorilla Glass to provide extra durability and sunlight readable capability. When viewing video from a CORE Camera with thermal fusion technology, the CORE Monitor allows remote selection of the current view or thermal view with a single button press. Additionally, the camera's illumination can be enabled, disabled, or dimmed via the monitor's rotary wheel. The CORE Monitor features both backlit push buttons for critical, real-time controls, and a capacitive touch screen for pairing multiple CORE Cameras. An optional hardwire cable connection is available for RF-restricted environments. Attach the CORE monitor to your wrist with our secure Velcro strap or use as a handheld monitor.



### CONTACT :

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### DOCUMENT :

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## ▼ SPECIFICATIONS

<b>MONITOR WEIGHT:</b>	14oz / 0.40kg
<b>DIMENSIONS:</b>	L 5.57in x W 3.85in x D 1.85in / L 141mm x W 98mm x D 47mm
<b>POWER SUPPLY:</b>	Three CR123 batteries
<b>RUNTIME:</b>	1.5 hours @ -10°C / 2.5 hours @ 21°C / 1.5 hours @ 50°C
<b>HOUSING MATERIAL:</b>	Polycarbonate+PBT (Valox 357U) and 6061-T6 Aluminum
<b>OPERATING TEMPERATURE:</b>	-4°F to 122°F
<b>OPERATING TEMPERATURE (METRIC):</b>	-20°C to 50°C
<b>FREQUENCY RANGE:</b>	5 GHz (Worldwide Availability)
<b>WIRELESS ENCRYPTION:</b>	128-bit AES Encryption with WPA2-PSK Authentication
<b>TRANSMISSION DISTANCE:</b>	650ft, Line of Sight / 200m, Line of Sight
<b>COMPATIBLE CAMERAS:</b>	CORE Pole Camera / CORE Under Door Camera / CORE Flex Camera / CORE Articulating Scope
<b>MONITOR DIAGONAL SIZE:</b>	5.0 inches
<b>MONITOR RESOLUTION:</b>	1280 x 720px
<b>MONITOR VIEWING ANGLE:</b>	80 degrees in all directions
<b>CAMERA REMOTE CONTROLS:</b>	Camera/View selection / Illumination, 0-100% dimmable
<b>HEADPHONE JACK:</b>	3.5mm, 4-conductor



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