



TE4 MONITOR

TACTICAL ELECTRONICS: SPEC SHEET



WIRELESS

MONITOR

IDENTIFICATION:



FEATURES:

- + **DISPLAY:** 4.0 inch IPS LCD with touchscreen
- + **CELLULAR OPTION:** real-time video with unlimited range
- + **COMPATIBILITY:** CORE, SWIFT, & SYNC Cameras
- + **HARDWIRE:** Hardwire for RF-restricted environments
- + **TOGGLE:** Remote toggle between camera views
- + **TACTICAL ACCESSORY PORT:** USB & Ethernet
- + **NVG FILTER:** Allows for covert viewing of LCD
- + **MOUNTING:** Wrist mounted or handheld
- + **ENCRYPTED:** AES encrypted Wi-Fi video stream
- + **EXTERNAL POWER:** Connect 12VDC power source



WIRELESS VIDEO

5GHz real-time Wi-Fi video monitoring



UNLIMITED RANGE

Live video streaming via cellular connectivity



ADJUSTABLE LEDS

Remote intensity control of camera's LEDs



REAL-TIME VIDEO

View live video directly from the paired camera

DESCRIPTION:

The TE4 Monitor receives AES Encrypted wireless and/or hardwired video from any CORE, SWIFT, or SYNC Camera System and displays the video on a 4.0 inch LCD. While streaming video, operators can remotely toggle between multiple camera views and enable, disable, or adjust the camera's LED intensity. A removable NVG IR filter provides covert NVG viewing by blocking visible light from the LCD. Video on the display can still be seen using NVGs without giving away the user's position. The TE4 Monitor features backlit push buttons for critical, real-time controls and a capacitive touch screen for pairing multiple cameras. An optional hardwire cable connection is available for RF-restricted environments. Attach the TE4 Monitor to your wrist with our secure Velcro strap or use as a handheld monitor.

The TE4 Monitor is available equipped with a cellular option that provides unlimited range for streaming real-time operational video. An internal cellular modem enables the TE4 Monitor to receive AES Encrypted video directly from the camera and immediately stream the real-time feed over a cellular network for remote monitoring on the TE LINK video dashboard (telink.tacticalelectronics.com). Regardless of location, TE LINK subscribers can login from any internet-connected desktop, tablet, or mobile device to remotely monitor multiple live video feeds from operators in the field. Transmission distance is no obstacle when a cellular enabled TE4 Monitor is in operation with a Tactical Electronics Camera System.

The TE4 Monitor is equipped with a Tactical Accessory Port (TAP). The TAP is a ruggedized, friction-locking, military-style connector that provides USB 2.0, 100Mbps Ethernet connectivity, and 12VDC power input. The TAP receives hardwired video from the camera source and forwards the video stream onto IP-based MANET radios and other tactical radio networks for mesh-based long-range range video streaming.

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DOCUMENT:

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WIRELESS

MONITOR

SPECIFICATIONS:

WEIGHT:	10.0oz	0.28kg
DIMENSIONS:	L 4.84in x W 2.79in x H 1.33in	L 12.29cm x W 7.09cm x H 3.38cm
POWER SUPPLY:	Two x CR123 batteries	
RUNTIME:	Up to 90 minutes	
HOUSING MATERIAL:	Polycarbonate+PBT (Valox 357U) and 6061-T6 Aluminum	
OPERATING TEMPERATURE:	-4°F to 122°F / -20°C to 50°C	
TRANSMISSION DISTANCE:	Line of Sight (LOS) = up to 330ft / 100m	
WIRELESS ENCRYPTION:	128-bit AES Encryption with WPA2-PSK Authentication	
FREQUENCY RANGE:	5GHz (Worldwide Availability)	
HARDWARE COMMUNICATION:	Compatible integration with: ATAK / MANET / Android mobile device	
HARDWARE DATA TRANSFER:	High-speed Ethernet and USB transfer capable	
HARDWARE CONNECTION:	Push/pull Tactical ODU port and connector	
DISPLAY SIZE:	4.0 inch IPS LCD with a capacitive touchscreen	
DISPLAY RESOLUTION:	1136 x 640px	
MONITOR VIEWING ANGLE:	80 degrees in all directions	
HEADPHONE JACK:	3.5mm, 4-conductor	

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