



TE1 MONOCULAR VIEWER

SPEC SHEET: TACTICAL ELECTRONICS

ELITE MONITORING SYSTEMS



IDENTIFICATION:



FEATURES:

- + **EYEPIECE:** 1.0 inch AMOLED color display
- + **MOUNTING:** Integrated standard Wilcox mount
- + **HARDWARE:** Hardwire for RF-restricted environments
- + **TOGGLE:** Remote toggle between camera views
- + **TACTICAL ACCESSORY PORT:** USB, Ethernet, 12VDC
- + **POWER:** Powered by two CR123A batteries
- + **EXTENDED POWER:** Connect 12V DC power source

WIRELESS VIDEO
5GHz real-time Wi-Fi video monitoring

ADJUSTABLE LEDS
Remote intensity control of camera's LEDS

ENCRYPTED VIDEO
AES encrypted Wi-Fi real-time video stream

LIVE VIDEO
Real-time monitoring from camera source

DESCRIPTION:

The TE1 Monocular Viewer features a 1.0 inch, 720p AMOLED eyepiece that displays video from any Tactical Electronics camera. While streaming video, the TE1 Monocular can remotely adjust the camera's LEDs and toggle camera views. Stream video over Wi-Fi or over hardwire connection.

The TE1 Monocular features a rugged, locking, Tactical Accessory Port (TAP) that provides USB 2.0, 100Mbps Ethernet, and 12VDC power in. The USB and Ethernet interfaces can be used to stream video from TE Cameras or MANET radios.

This compact monitor can be mounted to a helmet using the industry standard Wilcox mount.

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SPECIFICATIONS:

WEIGHT:	8.0oz	0.23kg
DIMENSIONS:	L 5.7in x W 2.1in x H 2.4in	L 14.5cm x W 5.3cm x H 6.1cm
POWER SUPPLY:	Two x CR123 batteries	
RUNTIME:	Up to 120 minutes	
HOUSING MATERIAL:	HDPE / 6061-T6 Aluminum	
OPERATING TEMPERATURE:	-4°F to 122°F / -20°C to 50°C	
TRANSMISSION DISTANCE:	Line of Sight (LOS) = up to 325ft / 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:	1.0in AMOLED	
DISPLAY RESOLUTION:	1280 x 720px @ 30fps	

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