



# 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.

<b>TACTICAL ELECTRONICS</b>	<b>DOCUMENT:</b>	<b>COPYRIGHT:</b>	NOTICE: PRODUCT INFORMATION & SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.	<b>1</b>	
	SPECIFICATIONS SHEET OFFICIAL I PROPRIETARY	©2021 TACTICAL ELECTRONICS AND MILITARY SUPPLY, LLC.			
<b>WEBSITE:</b>	TACTICALELECTRONICS.COM	<b>EMAIL:</b>	GOVSALES@TACTICALELECTRONICS.COM	<b>PHONE:</b>	866 / 541 / 7996 • +1 918 / 249 / 8326



# TE1 MONOCULAR VIEWER

SPEC SHEET: TACTICAL ELECTRONICS

ELITE MONITORING SYSTEMS



## SPECIFICATIONS:

<b>WEIGHT:</b>	8.0oz / 0.23kg
<b>DIMENSIONS:</b>	L 5.7in x W 2.1in x H 2.4in
<b>DIMENSIONS (METRIC):</b>	L 14.5cm x W 5.3cm x H 6.1cm
<b>POWER SUPPLY:</b>	Two x CR123 batteries
<b>RUNTIME:</b>	Up to 120 minutes
<b>HOUSING MATERIAL:</b>	HDPE / 6061-T6 Aluminum
<b>OPERATING TEMPERATURE:</b>	-4°F to 122°F / -20°C to 50°C
<b>TRANSMISSION DISTANCE:</b>	Line of Sight (LOS) = up to 325ft / 100m
<b>WIRELESS ENCRYPTION:</b>	128-bit AES Encryption with WPA2-PSK Authentication
<b>FREQUENCY RANGE:</b>	5GHz (Worldwide Availability)
<b>HARDWARE COMMUNICATION:</b>	Compatible integration with: ATAK / MANET / Android mobile device
<b>HARDWARE DATA TRANSFER:</b>	High-speed Ethernet and USB transfer capable
<b>HARDWARE CONNECTION:</b>	Push/pull Tactical ODU port and connector
<b>DISPLAY SIZE:</b>	1.0in AMOLED
<b>DISPLAY RESOLUTION:</b>	1280 x 720px @ 30fps

**TACTICAL ELECTRONICS**

**DOCUMENT:**

SPECIFICATIONS SHEET  
OFFICIAL I PROPRIETARY

**COPYRIGHT:**

©2021 TACTICAL ELECTRONICS  
AND MILITARY SUPPLY, LLC.

NOTICE: PRODUCT INFORMATION  
& SPECIFICATIONS ARE SUBJECT  
TO CHANGE WITHOUT NOTICE.

2

**WEBSITE:** TACTICALELECTRONICS.COM

**EMAIL:** GOVSALES@TACTICALELECTRONICS.COM

**PHONE:** 866 / 541 / 7996 • +1 918 / 249 / 8326