



SWIFT VIDEO SCOPE: 8mm

SPEC SHEET: TACTICAL ELECTRONICS

ELITE CAMERA SYSTEMS



IDENTIFICATION:



FEATURES:

- + **8MM PROBE:** Small diameter for minimal intrusion
- + **LOW-LIGHT:** Extreme low-light sensitivity @ 0.005 lux
- + **ARTICULATION:** 4-way articulation via paddles
- + **ARTICULATION:** 160° up, 130° down, 100° left/right
- + **EYEPIECE:** 1.0 inch AMOLED color display
- + **SNAPSHOT:** Instantly record a still image of live video
- + **ILLUMINATION:** Adjustable internal 400nm UV LED
- + **HARDWIRE:** Hardwire for RF-restricted environments



WIRELESS VIDEO

5GHz real-time Wi-Fi video transmission



ATAK | MANET

Connect real-time video via USB & Ethernet



ENCRYPTED VIDEO

AES encrypted Wi-Fi video streaming



SD RECORDING

Automatic recording to a 32GB MicroSD card

DESCRIPTION:

The SWIFT Video Scope features an 8mm distal tip and 4-way articulation. Video is viewable through the built-in eyepiece, on any Tactical Electronics monitor, or an Android device with the TE View mobile app. The 8mm distal tip provides illumination by an adjustable internal 400nm UV LED.

The camera head moves in four directions (160° up, 130° down, 100° left/right) and is controlled via fine-touch paddles. The SWIFT Video Scope is available with a 12in or 24in long probe. The SWIFT Video Scope 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 to any Tactical Electronics Monitor, ATAK, TE View mobile app, or MANET radios. All SWIFT products offer Stand-By Mode to help preserve battery life and provide a quick return to video within 10 seconds.

TACTICAL ELECTRONICS

DOCUMENT:

SPECIFICATIONS SHEET
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NOTICE: PRODUCT INFORMATION &
SPECIFICATIONS ARE SUBJECT TO
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SPECIFICATIONS:

WEIGHT:	12IN PROBE:	1lb. 09oz.	0.71kg
	24IN PROBE:	1lb. 10oz.	0.75kg
DIMENSIONS:	12IN PROBE:	L 22.8in x W 2.7in x H 3.3in	L 57.4cm x W 6.9cm x H 8.4cm
	24IN PROBE:	L 36.8in x W 2.7in x H 3.3in	L 93.5cm x W 6.9cm x H 8.4cm
WORKING PROBE:	12IN PROBE:	L 9.25in	L 23.5cm
	24IN PROBE:	L 24.0in	L 61.0cm
ARTICULATING LENGTH:	3.50in / 8.89cm		
WORKING OD:	0.32in / 0.81cm		
POWER SUPPLY:	Three x CR123 batteries		
RUNTIME:	Up to 100 minutes		
HOUSING MATERIAL:	HDPE / 6061-T6 Aluminum		
OPERATING TEMPERATURE:	-4°F to 122°F / -20°C to 50°C		
RECORDING CAPACITY & MEDIA:	32GB MicroSD Card		
TRANSMISSION DISTANCE:	Line of Sight (LOS) = up to 500ft / 150m		
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		
CAMERA SENSOR:	0.25in Analog CCD		
CAMERA RESOLUTION:	400 Lines		
CAMERA LIGHT SENSITIVITY:	0.005 lux		
ARTICULATION:	4-way, 160° up, 130° down, 100° left/right		
ILLUMINATION:	Adjustable internal 400nm UV LED		
EYEPIECE SIZE:	1.0in (diagonal)		
EYEPIECE RESOLUTION:	1280 x 720px		

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