



# SWIFT FLEX CAMERA

SPEC SHEET: TACTICAL ELECTRONICS

ELITE CAMERA SYSTEMS



## IDENTIFICATION:



## FEATURES:

- + **LOW-LIGHT VIDEO:** Color low-light sensitive sensor
- + **ILLUMINATION:** Adjustable high-intensity LEDs
- + **EYEPIECE:** 1.0 inch AMOLED color display
- + **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



### 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 Flex Camera is a handheld inspection tool that features a flex-and-stay neck. Choose from three different camera head options to best suit your mission. The Visible SWIFT Flex Camera is 12mm in diameter, features a color CMOS sensor, excellent low-light sensitivity and integrated LED illumination. The Thermal SWIFT Flex Camera is 17mm in diameter and features a Long Wave Infrared (LWIR) FLIR thermal imager. The Dual SWIFT Flex Camera is 25mm in diameter and features both a color CMOS sensor and a FLIR thermal imager.

Video captured by any of the SWIFT Flex Cameras can be viewed with the integrated 1.0in eyepiece. Additionally, video can be streamed wirelessly through the internal WiFi radio or by hardwired connection through the Tactical Accessory Port (TAP). Video is streamed to any TE Monitor or Android device utilizing the TE View mobile app or ATAK.

The SWIFT Flex Camera features a rugged, locking Tactical Accessory Port (TAP) that provides USB 2.0, 100Mbps Ethernet, and 12VDC power in. All SWIFT products offer Stand-By Mode to help preserve battery life and provide a quick return to video within 10 seconds.



Trusted to Protect

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## SPECIFICATIONS:

<b>WEIGHT:</b>	<b>VISIBLE Flex:</b> 13.0oz / 0.369kg <b>DUAL Flex:</b> 17.1oz / 0.485kg <b>THERMAL Flex:</b> 13.0oz / 0.369kg
<b>DIMENSIONS:</b>	<b>VISIBLE Flex:</b> L 18.1in x W 2.1in x H 2.7in <b>DUAL Flex:</b> L 9.5in x W 2.1in x H 2.7in <b>THERMAL Flex:</b> L 18.3in x W 2.1in x H 2.7in
<b>DIMENSIONS (METRIC):</b>	<b>VISIBLE Flex:</b> L 46.0cm x W 5.3cm x H 6.8cm <b>DUAL Flex:</b> L 49.4cm x W 5.3cm x H 6.8cm <b>THERMAL Flex:</b> L 46.4cm x W 5.3cm x H 6.8cm
<b>WORKING PROBE:</b>	<b>VISIBLE Flex:</b> L 12.0in x OD 0.50in / L 30.5cm x OD 1.26cm <b>DUAL Flex:</b> L 13.5in x OD 0.98in / L 34.3cm x OD 2.5cm <b>THERMAL Flex:</b> L 12.2in x OD 0.67in / L 30.9cm x OD 1.7cm
<b>CAMERA SENSOR:</b>	<b>VISIBLE Flex:</b> 0.25in CMOS Color Digital Image Sensor <b>DUAL Flex:</b> 0.25in CMOS Color Digital Image Sensor & Long-wave Infrared (LWIR) 8um - 12um <b>THERMAL Flex:</b> Long-wave Infrared (LWIR) 8um - 12um
<b>CAMERA RESOLUTION:</b>	<b>VISIBLE Flex:</b> 640 x 480px @ 30fps <b>DUAL Flex:</b> 640 x 480px @ 30fps & 160 x 120px <b>THERMAL Flex:</b> 160 x 120px
<b>POWER SUPPLY:</b>	Two x CR123 batteries
<b>RUNTIME:</b>	Up to 100 minutes
<b>HOUSING MATERIAL:</b>	HDPE / 6061-T6 Aluminum
<b>OPERATING TEMPERATURE:</b>	-4°F to 122°F / -20°C to 50°C
<b>RECORDING CAPACITY &amp; MEDIA:</b>	32GB MicroSD Card
<b>TRANSMISSION DISTANCE:</b>	Line of Sight (LOS) = up to 500ft / 150m
<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>EYEPIECE SIZE:</b>	1.0in (diagonal)
<b>EYEPIECE RESOLUTION:</b>	1280 x 720px
<b>ILLUMINATION:</b>	Internal: 400nm UV; External: 400nm UV, Blue, Green, White, and IR 850nm

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