



SWIFT POLE CAMERA

SPEC SHEET: TACTICAL ELECTRONICS

ELITE CAMERA SYSTEMS

IDENTIFICATION:



FEATURES:

- + **POLE OPTION #1:** Extends to 40in & collapses to 13in
- + **POLE OPTION #2:** Extends to 69in & collapses to 18in
- + **FRICTION LOCKING POLE:** No collars or levers to flip
- + **THERMAL VIDEO:** FLIR LWIR thermal image sensor
- + **LOW-LIGHT VIDEO:** Color low-light sensitive sensor
- + **LCD MONITOR:** Integrated 4.0in LCD with NVG filter
- + **HARDWIRE:** Hardwire for RF-restricted environments
- + **LED ILLUMINATION:** 2 x white & 2 x 950nm IR LEDs

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

DUAL VIDEO
View thermal & color video at the same time

ADJUSTABLE LEDs
Adjustable high-intensity LEDs (0-100%)

SWIFT DEPLOYMENT
Power ON & deploy in under 15 seconds

COLLAPSIBLE
Entire system collapses to under 13 inches

DESCRIPTION:

The SWIFT Pole Camera is a compact, quick to deploy camera that provides low light and thermal video at an extended reach. The SWIFT Pole Camera is available in two sizes: 1.0 meter extended and 1.75 meter extended.

Two separate image sensors are contained within the camera head: a visible 640x480 CMOS image sensor with excellent low-light sensitivity (16V/lux-sec) that is bolstered by on-board 950nm Infrared illumination, and a FLIR Long-Wave Infrared (LWIR) sensor with 160x120 resolution. Video from these two sensors provides two distinct views for the operator: a color low-light view and a white-hot thermal view.

Video is displayed in dual-view on the attached 4.0 inch LCD Monitor, located on the SWIFT Pole Camera's handle. The telescoping carbon fiber pole can be deployed in seconds, without the need to twist or lockdown sections. Each pole collapses down to 13 inches (1.0 meter version) and 18 inches (1.75 meter version). The integrated hook at the end of the pole allows you to easily extend and collapse the pole with one hand.

The system includes a Tactical Accessory Port (TAP) providing both USB and Ethernet connectivity for video streaming support, and an optional 5GHz WiFi radio with global regulatory approval. The SWIFT Pole Camera is size, weight, and power optimized. The SWIFT Pole camera is powered by only two CR123 batteries and has a runtime of 60 minutes. Both versions weigh under 2 pounds. All SWIFT products offer Stand-By Mode to help preserve battery life and provide a quick return to video within 10 seconds.

The SWIFT Pole Cameras are ideal for soldiers who require a solution that is compact, lightweight and can be rapidly deployed.

TACTICAL ELECTRONICS

DOCUMENT:

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SPECIFICATIONS:

SWIFT POLE CAMERA: 1.0 METER OPTION	WEIGHT:	1.0lb 5.0oz	0.6kg
	COLLAPSED:	L 13in x W 2.75in x H 1.85in	L 33cm x W 7.0cm x H 4.7cm
	EXTENDED:	L 40in x W 2.75in x H 1.85in	L 101.6cm x W 7.0cm x H 4.7cm
SWIFT POLE CAMERA: 1.75 METER OPTION	WEIGHT:	1.0lb 9.0oz	0.7kg
	COLLAPSED:	L 18in x W 2.75in x H 1.85in	L 45.7cm x W 7.0cm x H 4.7cm
	EXTENDED:	L 69in x W 2.75in x H 1.85in	L 175.3cm x W 7.0cm x H 4.7cm
WEIGHT:	1.0lb 12.0oz / 0.79kg		
DIMENSIONS:	L 13in (collapsed) L 40in (extended) x W 2.75in x H 1.85in		
DIMENSIONS (METRIC):	L 33cm (collapsed) L 100cm (extended) x W 7.0cm x H 4.7cm		
POWER SUPPLY:	Two x CR123 batteries		
RUNTIME:	Up to 60 minutes		
HOUSING MATERIAL:	PC + PBT (Valox 357U) / 6061-T6 Aluminum / Unidirectional Carbon Fiber		
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 CMOS Color Digital Image Sensor		
CAMERA RESOLUTION:	640 x 480px @ 30fps		
THERMAL SENSOR:	Long-wave Infrared (LWIR), 8um to 14um		
THERMAL RESOLUTION:	160 x 120px		
ILLUMINATION:	2 x High-intensity 3000K White and 2 x 950nm IR LEDs (0-100% adjustable)		
INTEGRATED MONITOR:	4.0in LCD - toggle between three views (color video / thermal video / dual video (color & thermal))		

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