SWIFT POLE CAMERA

SPEC SHEET: TACTICAL ELECTRONICS

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 640×480 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 160×120 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.

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)
HARDWIRE COMMUNICATION:	Compatible integration with: ATAK / MANET / Android mobile device
HARDWIRE DATA TRANSFER:	High-speed Ethernet and USB transfer capable
HARDWIRE 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 with live dual (color & thermal Video) display

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