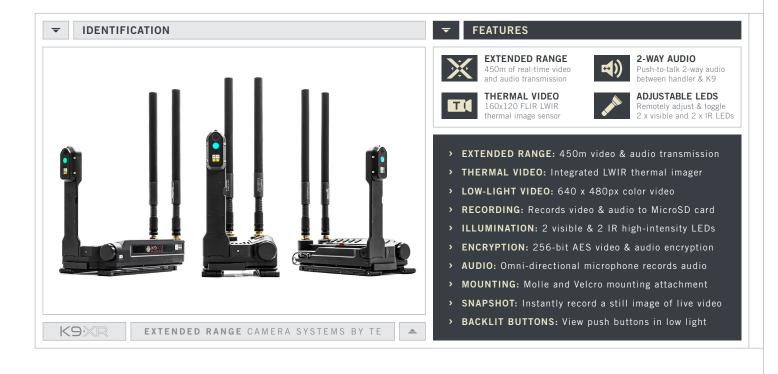
## K9-XR CAMERA

SPEC SHEET: TACTICAL ELECTRONICS





#### DESCRIPTION

The K9-XR Camera is a high-powered extended range camera system that transmits live video and audio back to the K9 handler. Easily receive video/audio on the K9-XR Monitor up to 450 meters away from the canine. The camera mounts to the K9's vest using molle and Velcro attachments. Two-way audio on the K9-XR Camera allows handlers to give commands and listen to a canine and/or suspect, utilizing the "Push to Talk" feature.

The K9-XR Camera combines a low-light color camera with high-intensity visible & IR LEDs, providing vision in extreme low-light environments. The K9-XR Camera also includes a white-hot thermal camera for detecting hidden heat signatures. Handlers can remotely toggle between the color and thermal cameras by pressing the view button on the K9-XR Monitor.

The camera arm is spring loaded, allowing canines to maneuver through tight spaces and obstacles. An internal DVR records audio and video directly to a micro SD card. K9 handlers can watch live video from the dog's perspective while simultaneously recording the video for evidence collection and training purposes. The foldaway camera neck and removable antennas make the K9-XR Camera compact and easy to transport via soft carry or hard case.



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**WEBSITE:** TACTICALELECTRONICS.COM

#### DOCUMENT:

OFFICIAL SPECIFICATIONS
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#### SPEC SHEET :

# K9-XR CAMERA

SPEC SHEET: TACTICAL ELECTRONICS



### **▼** SPECIFICATIONS

CAMERA DIMENSIONS:	L 8.04in x W 4.06in x H 7.59in   H=12.25in w/ 900MHz antennas attached
CAMERA DIMENSIONS (METRIC):	L 20.4cm x W 10.3cm x H 19.2cm   H=31.1cm w/ 900MHz antennas attached
CAMERA WEIGHT:	2.0lb 9.0oz   1.16kg
POWER SUPPLY:	Four CR123 batteries
RUNTIME:	Up to 60 to 75 minutes
HOUSING MATERIAL:	6061-T6 Aluminum
OPERATING TEMPERATURE:	-4°F to 122°F / -20°C to 50°C
FREQUENCY RANGE:	900MHz (default)   2.4GHz (optional)   Factory tunable from 100MHz to 6GHz
WIRELESS ENCRYPTION:	256-bit AES Encryption
TRANSMISSION DISTANCE:	Line of Sight (LOS) = up to 450m   nonLOS/indoors = up to 200m
COMPATIBLE MONITORS:	K9-XR Monitor
CAMERA SENSOR TYPE:	0.25in CMOS Color Digital Image Sensor
CAMERA RESOLUTION / FRAME RATE:	Color 640 x 480px @ 30fps
LENS FOCAL LENGTH:	3.7mm
HORIZONTAL FOV°:	Visible = 80°   Thermal = 51°
THERMAL SENSOR TYPE:	Longwave Infrared (LWIR), 8µm to 14µm
THERMAL SENSOR RESOLUTION:	160 x 120px
ILLUMINATION:	2 x IR LEDs and 2 x visible LEDs; 0 - 100% dimming
REMOTE CAMERA CONTROLS:	Video toggle: color & thermal   LED toggle: visible & IR w/ 0-100% diming control
REAL-TIME AUDIO:	Two-way audio with connected headphones (half-duplex with Push-To-Talk)
STORAGE MEDIA:	MicroSD Card
RECORDING CAPACITY:	32GB









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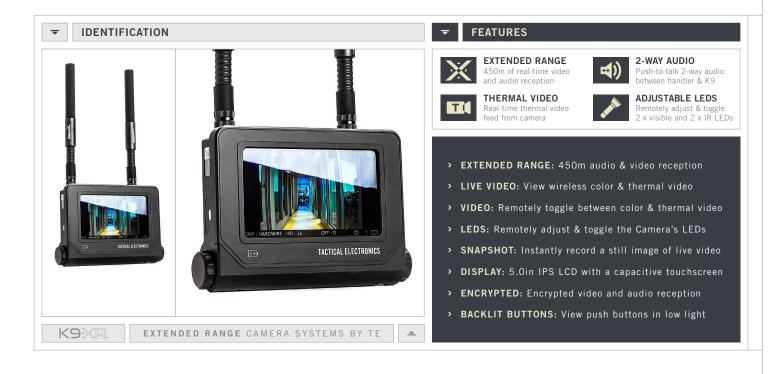
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#### SPEC SHEET:

## **K9-XR MONITOR**

SPEC SHEET: TACTICAL ELECTRONICS





#### DESCRIPTION

The K9-XR Monitor displays real-time color and thermal video directly from the K9-XR Camera. Utilizing a high-powered extended range radio, the K9-XR Monitor is capable of receiving audio and video up to 450 meters away from the canine.

The K9-XR Monitor also provides long distance remote control of the K9-XR Camera's LEDs and video feed. The push of a button allows the operator to remotely toggle between the color and thermal cameras. An LED dial wheel remotely adjusts the K9-XR Camera's LED intensity (0-100%). The system's two-way audio incorporates a "Push-to-Talk" feature, allowing handlers to directly communicate and listen to a canine and/or suspect. The K9-XR Monitor features both backlit push buttons for critical, real-time controls, and a capacitive touch screen for customizing system preferences.



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#### SPEC SHEET:

# **K9-XR MONITOR**

SPEC SHEET: TACTICAL ELECTRONICS



### **▼** SPECIFICATIONS

MONITOR DIMENSIONS:	W 6.61in x D 1.94in x H 4.90in   H=14.375in w/ 900MHz antennas attached
MONITOR DIMENSIONS (METRIC):	W 16.8cm x D 4.9cm x H 12.4cm   H=36.5cm w/ 900MHz antennas attached
MONITOR WEIGHT:	1.0lb 12.6oz   0.81kg
POWER SUPPLY:	Four CR123 batteries
RUNTIME:	Up to 60 to 75 minutes
HOUSING MATERIAL:	Black HDPE and 6061-T6 Aluminum
OPERATING TEMPERATURE:	-4°F to 122°F / -20°C to 50°C
FREQUENCY RANGE:	900MHz (default)   2.4GHz (optional)   Factory tunable from 100MHz to 6GHz
WIRELESS ENCRYPTION:	256-bit AES Encryption
TRANSMISSION DISTANCE:	Line of Sight (LOS) = up to 450m   nonLOS/indoors = up to 250m
MONITOR DIAGONAL SIZE:	5.0 inches
MONITOR RESOLUTION:	1280 x 720px
MONITOR VIEWING ANGLE:	80 degrees in all directions
REMOTE CAMERA CONTROLS:	Video toggle: color & thermal   LED toggle: visible & IR w/ 0-100% diming control
HEADPHONE JACK:	2.5mm, 3-conductor









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