

# CORE ARTICULATING SCOPE

SPEC SHEET: TACTICAL ELECTRONICS



## IDENTIFICATION



CORE

ELITE CAMERA SYSTEMS BY TACTICAL ELECTRONICS

## FEATURES



### WIRELESS

5GHz wireless, real-time video transmission



### ENCRYPTED

Transmits AES encrypted video directly to monitor



### ADJUSTABLE LEDES

Adjustable high-intensity LED illumination (0-100%)



### SD RECORDING

Automatic video recording to a 32GB Micro SD card

- > **ARTICULATION:** 4-way 150 degree articulation
- > **1.0IN EYEPIECE:** AMOLED color display
- > **SNAPSHOT:** Instantly record a still image of live video
- > **ILLUMINATION:** Adjustable high-intensity UV LEDs
- > **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

## DESCRIPTION

Capture digitally encrypted, video with the CORE Articulating Scope. The 4-way 150 degree articulating camera neck provides excellent video quality and upstanding low-light sensitivity. Video is streamed wirelessly to the CORE monitor over an AES Encrypted channel. An optional hardwire cable connection is available for RF-restricted environments. Additionally, a 1.0in eyepiece displays video without requiring a separate monitor. High intensity UV illumination can be activated and dimmed either directly on the camera, or remotely via the CORE Monitor.



### CONTACT :

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### DOCUMENT :

OFFICIAL SPECIFICATIONS  
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## SPECIFICATIONS

<b>CAMERA WEIGHT:</b>	15.0oz / 0.43kg
<b>CAMERA DIMENSIONS:</b>	17.70in Total Length / 10.70in Working Length / 3.50in Articulating Length / 0.496in OD
<b>CAMERA DIMENSIONS (METRIC):</b>	44.96cm Total Length / 27.18cm Working Length / 8.89cm Articulating Length / 1.26cm OD
<b>CORE GRIP WEIGHT:</b>	1.0lb 2.0oz / 0.48kg
<b>CORE GRIP DIMENSIONS:</b>	L 9.76in x W 3.21in x D 1.68in / L 24.79cm x W 8.15cm x D 4.27cm
<b>POWER SUPPLY:</b>	Three CR123 batteries
<b>RUNTIME:</b>	1.5 hours @ -10°C / 2.5 hours @ 21°C / 1.5 hours @ 50°C
<b>OPERATING TEMPERATURE:</b>	-4°F to 122°F
<b>OPERATING TEMPERATURE (METRIC):</b>	-20°C to 50°C
<b>FREQUENCY RANGE:</b>	5 GHz (Worldwide Availability)
<b>WIRELESS ENCRYPTION:</b>	128-bit AES Encryption with WPA2-PSK Authentication
<b>TRANSMISSION DISTANCE:</b>	650ft, Line of Sight / 200m, Line of Sight
<b>COMPATIBLE MONITORS:</b>	CORE Monitor
<b>CAMERA SENSOR TYPE:</b>	1/4in CMOS Color Digital Image Sensor
<b>CAMERA RESOLUTION / FRAME RATE:</b>	640 x 480 @ 30fps
<b>FIELD OF VIEW</b>	80°
<b>LENS TYPE</b>	Adjustable: Manually rotate the lens to focus camera
<b>FOCAL RANGE</b>	Manual Focus: 15mm to Infinity
<b>DEPTH OF FIELD</b>	Variable - dependant on focal length
<b>LENS FOCAL LENGTH</b>	3.7mm
<b>ILLUMINATION:</b>	1 ea High-intensity UV (400nm) LED; 0 - 100% dimming;
<b>ARTICULATION TYPE:</b>	4-way
<b>ARTICULATION ANGLE:</b>	150 degrees, all directions
<b>EYEPIECE SIZE (CORE GRIP):</b>	1.0in
<b>EYEPIECE RESOLUTION (CORE GRIP):</b>	800 x 600px
<b>STORAGE MEDIA:</b>	MicroSD Card
<b>RECORDING CAPACITY:</b>	32GB



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