

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
SHEET *PROPRIETARY*

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SPEC SHEET :

PRODUCT SPECIFICATIONS
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SPECIFICATIONS

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



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