

Key Features

- Wireless night vision to 100 ft (30m)
- Completely wireless
- No Plug. Just Play.™
- Transmit day or night vision
- Accurate color without IR bleed
- Night vision without focus shift
- i/o ports for power in and video out
- Detachable antenna
- 3 hour detachable / rechargeable battery
- Video-out port for LCD positioning

Product Description

The EX82 MECC is a deployable Integrated Day/Night (IDN™) camera incorporating infrared night vision, two CCD sensors, two varifocal lenses, RF transmission and rechargeable batteries. Designed for professional use where accurate color-by-day and precise high S/N monochrome-by-night are necessary. **Perfect Color by Day. Perfected Infrared-Mono by night.** No focus shift. No color sensitivity to IR bleed. Outstanding IR performance to 100 feet at only 18 Watts. All achieved without wires in what is called **No Plug. Just Play.™** Ideal for rapid deployment, emergency response, event monitoring and temporary CCTV.

- Tried & Tested by USAF Special Ops -

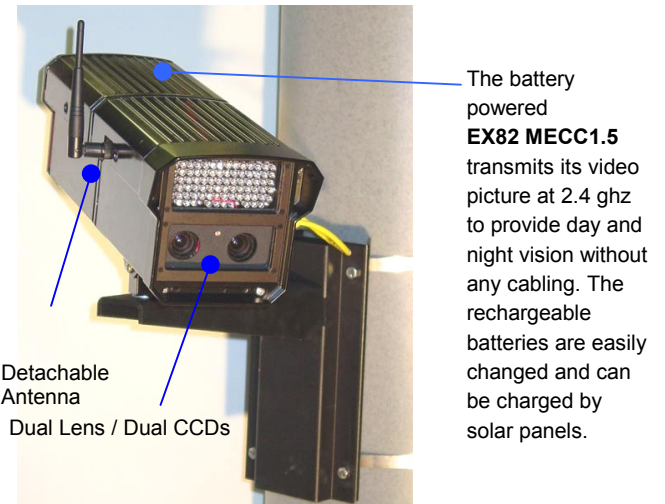
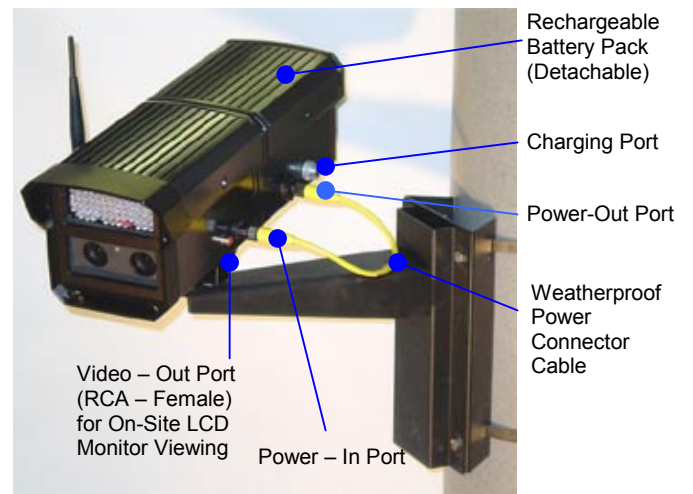
New Features

- MECC i/o ports for versatility
- IP68 weatherproof connectors
- Extreme environment connector cable
- Detachable antenna
- Faster battery exchange
- Heavy duty wall bracket
- Pole mount adaptor (optional)

A&E

- Available upon request
Contact: sales@ExtremeCCTV.com

Product Image



Specifications are subject to change without notice
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EX82-MECC-1.5_TS_050101

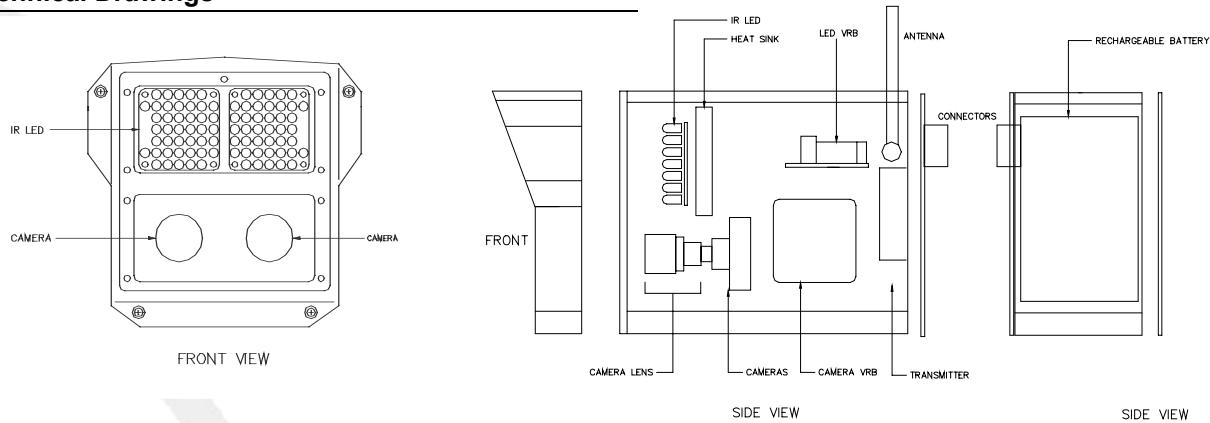
Dealer/Distributor



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Technical Drawings



Specifications

CCD Cameras (see CCD specs)	SX400 - Mono 1/3" LXR, 420 TVL C700 - Color 1/3" CCD, 480 TVL	Dimensions EX82 w/ Battery	130mm (H) x 134.5mm (W) x 212mm (L) 5.12" (H) x 5.30" (W) x 8.35" (L)
Min. Illumination	ZERO (0) LUX – Operates in Dark	Weight – EX82	4.8 lbs (2.2 kg)
Dual Lenses	4 - 8 mm VF Auto-Iris - for day sensor 4 - 8 mm VF - for night sensor	Weight - Transmitter	0.05 lbs (0.02 kg)
Infrared Type	90 LEDs, Elliptical FHB Type	Weight – RX27	2.6 lbs (1.2 kg)
IR Wavelength	850 nm or (940 nm optional)	Weight - Battery	8.8 lbs (4.0 kg)
Photocell	Adjustable on / off level	Transmitter	2.4 GHz, 4 channel, Rubber Duck antenna
Power Control	Voltage Regulator w/ Power Settings	Receiver	2.4 GHz, 4 channel, patch antenna
Consumption	12 Watt to 22 Watt Adjustable	Battery	7 amp hour, rechargeable, quick-connect, sealed lead-acid
Window	Polycarbonate 1/4" on metal frame	Night-Time	3.0 hours at Max. power setting
Voltage	12 VDC	Performance	6.0 hours at Min. power setting
IR Intensity	Adjustable IR level	Housings - Color	Black – standard, white - optional
Construction	Robust aluminum casting / extrusion		

Note: All -50°C (and below) temperatures require special cold-crack cabling.

Part Numbers

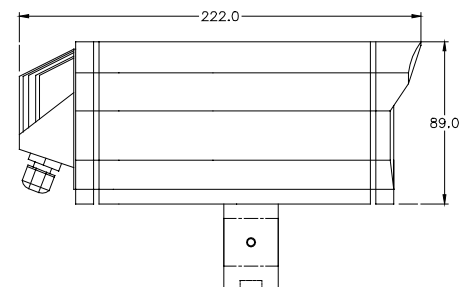
By Kit:

- EX82MC8.1-V4** EX82MECC 1.5, varifocal 4-8mm, 850nm
- EX82MC9.1-V4** EX82MECC 1.5, varifocal 4-8mm, 940nm
- EX82MC8.1-V6** EX82MECC 1.5, varifocal 6-15mm, 850nm
- EX82MC9.1-V6** EX82MECC 1.5, varifocal 6-15mm, 940

By Parts:

- EX82D8.1-V4T** EX82MECC 1.5, varifocal 4-8mm, 850nm, with RF transmitter
- EX82D9.1-V4T** EX82MECC 1.5, varifocal 4-8mm, 940nm, with RF transmitter
- EX82D8.1-V6T** EX82MECC 1.5, varifocal 6-15mm, 850nm, with RF transmitter
- EX82D9.1-V6T** EX82MECC 1.5, varifocal 6-15mm, 850nm, with RF transmitter

- RX27-R2** 2.4 GHz receiver in all-weather housing
- EXPS.003** Power Supply for Receiver (RX27-R2)
120 VAC / 12VDC, 1.5 Amp
- BX82-7** Back-pack battery, rechargeable SLA in all-weather housing
- BX-CHG2** Battery pack charger, 3.8 lbs (1.7kg)



RX27-R2 2.4 GHz receiver in all-weather housing

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