

Key Features

- EX82DXL with Standby Blackout Battery
- Integrated Power Conditioning Control Board
- Complete modularity for upgradeable functionality
- Wireless night vision to 120ft+ (40m+)
- Dual lens, dual CCD for perfected color day vision and perfected infrared mono night vision
- MECC™ i/o ports allow instant integration to control functions via MECC™ Accessory Boxes
- Interchangeable MECC™ modules
- All-weather MECC™ i/o ports and cables
- Video out port for LCD positioning
- Heavy duty wall bracket and pole mount adaptor (optional accessories)

Product Description

The EX82DXL-MECC3 integrates the latest EX82DXL Integrated Day Night Camera with a standby battery for “UPS” (Uninterruptible Power Supply) operation under “Blackout” conditions. Infrared illumination provided by a 90-LED Array provides 120+ feet of night vision. Under “Blackout” Mode, four hours of night performance can be expected under its standard SLA battery. (Longer life NiMH batteries are under development.) A power control board provides constant battery conditioning. The world’s first dual-sensor / Integrated Day Night™ camera is now the best of three worlds: Day, Night and Blackout.

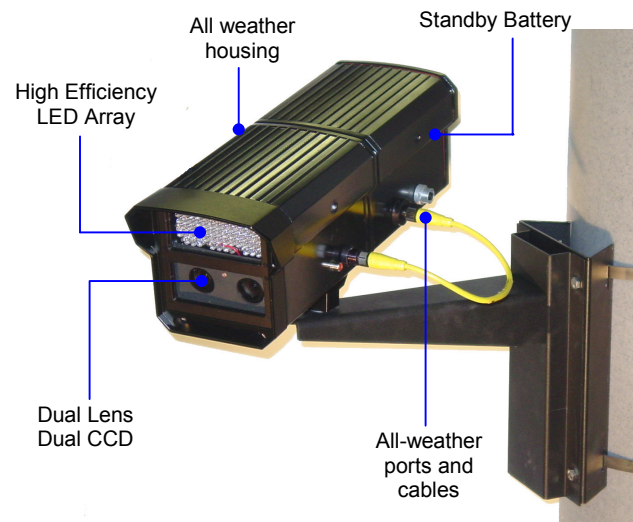
Blackout Mode Features

- Automatic switching to standby battery during blackout conditions
- Battery control board provides constant trickle charge to ensure full standby power at all times
- Up to four hours of Night Vision performance

Applications

- Rapid Deployment CCTV
- Emergency Response CCTV
- Disaster Relief CCTV
- Temporary / Upgradeable CCTV
- Uninterruptible power CCTV
- Event surveillance

Product Image



Above: The EX82DXL-MECC3 camera shown with standby battery. A battery control board constantly conditions the standby battery, ensuring full standby power on a continuous basis.



Day time - IR Off
High resolution color with auto-iris varifocal lens.



Night time - IR On
High Sensitivity infrared response with varifocal lens.

A&E

The camera shall be an IDN Integrated Day/Night camera to provide color by day and infrared enhanced vision by night. The camera shall create a minimum 20 db S/N picture at 120 feet (40 m) in zero Lux under total darkness. The camera shall consist of dual 1/3” CCD sensors, LXR type for night vision and Hyper Had for day vision. The camera shall be equipped with an infrared array of 90 LEDs attached to an efficient heat sink base and operating at 850 nanometers. Both sensors shall be equipped with 4 – 8 mm varifocal lenses. The color sensor lens shall be an auto-iris type. The camera shall switch from color mode to monochrome by way of a sensitivity-adjustable photocell. All of the electronic equipment shall be contained in a weatherproof and waterproof housing. A rechargeable SLA standby battery shall allow for four hours of continuous night-time operation at optimal temperatures. The battery shall be easily disconnected and replaced without disrupting the camera settings. The battery shall be constantly conditioned by accepting a trickle charge from a power control board.

Specifications are subject to change without notice

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MECC 3_v3 040306

Dealer/Distributor



UK / Europe

US / Canada

Toll Free (N.A.)

Tel: + 44 (0) 1670 730 187

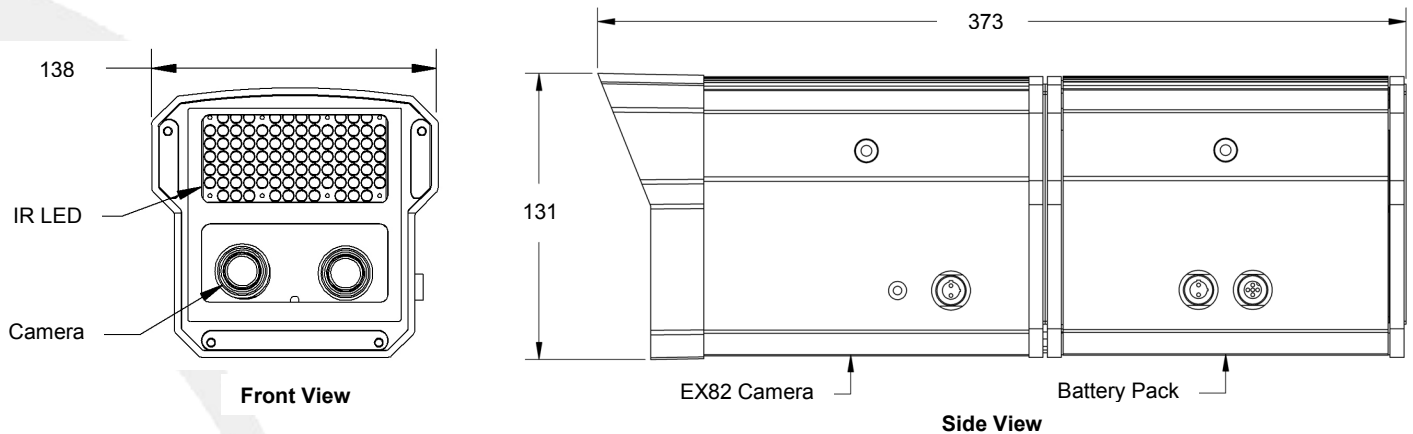
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Technical Drawings

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 - Battery	8.8 lbs (4 kg)
Infrared Type	90 LEDs, Elliptical FHB Type	Battery	7 amp hour, rechargeable, quick-connect, sealed lead-acid
IR Wavelength	850 nm or (940 nm optional)	Battery Temp Range	0°C to +40°C (32°F to 104°F)
IR Intensity	Adjustable IR level	Night-Time Performance (at 20°C)	4.0 hours at Max. power setting
Photocell	Adjustable on / off level		7.0 hours at Min. power setting
Window	Polycarbonate 1/4" on metal frame	Power Control	Voltage Regulator w/ Power Settings
Construction	Robust aluminum casting / extrusion	Consumption	12 Watt to 22 Watt Adjustable
Camera Temp Range	-50°C to +50°C (-58°F to 122°F)	Voltage	12 VDC, 24VAC
Note: All -50°C (and below) temperatures require special cold – crack cabling		Housings - Color	Black – standard, white - optional

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