

Key Features

- Modular Expandable CCTV
- i/o ports allow instant integration of control functions
- i/o port for power-in
- i/o port for video-out / power-out

MECC Options

- RF wireless video
- Network IP video
- Battery powered video
- Fibre optic video transmission (By Special Order)

Extreme CCTV Cameras with MECC i/o capability

- EX82DXL-MECC i/o
- EX38NX-MECC i/o
- EX27-MECC i/o
- EX26NX-MECC i/o

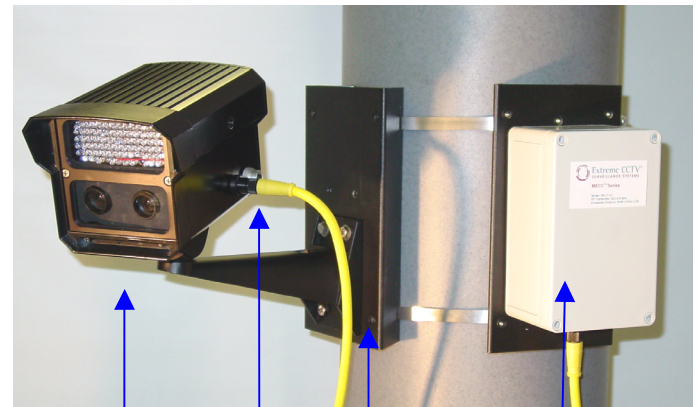
Product Description

Integrated Day Night™ cameras by Extreme CCTV® now have the option of extreme versatility and expanded functionality through a series of “Modular Expandable Control Components” (MECC™). First deployed in Afghanistan (2002) MECC™ has been totally re-engineered for a “Generation 2” design that offers new high performance RF wireless transmission and internet protocol networking. Night vision CCTV can now go wireless and into cyberspace. For extreme remote locations, MECC™ equipped IDN™ cameras can integrate with rechargeable batteries and solar or wind turbine chargers.

Applications

- Rapid Deployment CCTV
- Emergency Response CCTV
- Disaster Relief CCTV
- Temporary / Upgradeable CCTV

Product Image



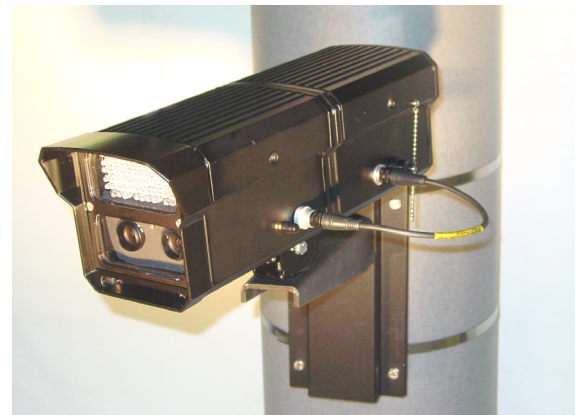
EXMB.017
Wall Mount
Adapter Bracket

MECC™
Accessory
Boxes

MECC i/o Ports

- Power in (Alternate Source)
- Video out / Power out

Various Extreme CCTV Cameras
with MECC i/o Options Available



Above: EX82DXL- MECC i/o
with BX82-7 Back-Pack battery.
Weatherproof DIN connector
cables allow for quick and easy
battery changes.

Right: RF Receiver in a
weatherproof IP68 rated
enclosure. Wireless
transmission adds extra
versatility to the MECC™ series.

Specifications are subject to change without notice

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MECC 2_v11 040306

Dealer/Distributor



UK / Europe
US / Canada
Toll Free (N.A.)

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MECC2 Accessories

Transmitters:

MC-T1A1 2.4 GHz, RF transmitter embedded antenna
MC-T5A5 900 MHz, RF transmitter embedded antenna

Receivers:

MC-R1A1 2.4 GHz, RF Receiver w/ embedded antenna
MC-R2A2 900 MHz, RF Receiver w/ embedded antenna

IP Network Boards:

MC-IPN1 Internet protocol network – IP100

Antennas:

MA-AV1 5 dB Mag mount omni-direct whip, 2.4 GHz
MA-AV2 14 dB High gain directional patch, 2.4 GHz
MA-AV3 30 dB Pre-amplified antenna, 2.4 GHz
MA-AC1 2.5 dB Low gain patch antenna, 900 MHz
MA-AC2 7.5 dB Medium patch antenna, 900 MHz
MA-AC3 10.2 dB High gain yagi antenna, 900 MHz

Batteries:

BX82-7 Backpack battery, rechargeable SLA
BX-CHG2 Battery pack charger, 3.8 lbs (1.7kg)

Specifications

Transmitters:

	MC-T1A1	MC-T5A5
Operating Distance	1000 Feet (305 meters) L.O.S with supplied internal antenna	1000 Feet (305 meters) L.O.S with supplied internal antenna
Operating Frequency	2.4 GHz	900 MHz
Operating Temperature	-35°C to +75°C (-30°F to +170°F)	-20°C to +60°C (-4°F to +131°F)
Video Format	NTSC or PAL	NTSC or PAL
Power (not including camera)	8 – 12 V	7.6 - 14 V
Current Consumption	45 mA @ 12 VDC	45 mA @ 12 VDC
Dimensions	1.0" (W) x 2.5" (L) x 0.25" (D) 25 mm (W) x 62.5 mm (L) x 6.3 mm(D)	1.5" (W) x 1.8" (L) x 0.6" (D) 39 mm (W) x 47 mm (L) x 14 mm(D)
Weight	45 g (0.1 lbs)	58 g (0.13 lbs)
FCC Approved	Yes	Yes

Receivers:

Model Number	MC-R1A1	MC-R2A2
Operating Frequency	2.4 GHz	900 MHz
Operating Temperature	-30°C to +65°C (-22°F to +150°F)	-20°C to +60°C (-4°F to +131°F)
Video Format	NTSC or PAL	NTSC or PAL
Power (not including camera)	12 – 14 V	7.6 – 16 V
Current Consumption	350 mA @ 12 VDC	75 mA @ 12 VDC
Dimensions	4.5" (W) x 7.25" (L) x 2.0" (D) 112.5 mm (W) x 181 mm (L) x 50 mm(D)	2.3" (W) x 3.4" (L) x 0.9" (D) 59 mm (W) x 86 mm (L) x 24 mm(D)
Weight	363 g (0.8 lbs)	121 g (0.3 lbs)
FCC Approved	Yes	Yes

Antennas:

Model Number	MA-AV1	MA-AV2	MA-AV3
Frequency	2.4 GHz	2.4 GHz	2.4 GHz
Gain	5 dB	14 dB	30 dB
Dimensions	2" (W) x 7" (L) 50 mm X 175 mm	9.5" x 9.5" x 0.5" 238mm x 238mm x 13mm	8.0" x 3.0" x 0.75" 200mm x 75mm x 19mm
Weight	TBA	TBA	TBA

Model Number	MA-AC1	MA-AC2	MA-AC3
Frequency	900 MHz	900 MHz	900 MHz
Gain	2.5 dB	7.5 dB	10.2 dB
Dimensions	4.5" x 4.5" x 0.75" 114mm x 114mm x 19mm	8.5" x 8.5" x 0.75" 220mm x 220mm x 19mm	26" (W) x 8" (L) 650 mm X 200 mm
Weight	217 g (0.5 lbs)	600 g (1.3 lbs)	454 g (1.0 lbs)

IP Network Board: Please see IP-100 Series tech sheet for specifications.

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