EX14MX.4-VA408
All-Environment MFP Camera

Key Features

- Extreme weather housing
- Injection molded ABS-Nylon resin enclosure
- Totally weatherproof for hot and cold environments
- Water-resistant
- Resistant to shock and impact
- Completely insulated internal chamber
- No requirement for internal heater or cooler
- 1/3” CCD, color / IR monochrome
- Installer-friendly, easy-access camera compartment
- IP66 compliant
- Extreme MFP Mechanical Filter technology
- Outstanding color imaging during day
- Exceptional Night Vision performance under infrared
- No focus shift or IR bleed
- Photocell-controlled Day-Night switching
- Varifocal 4.0-8mm auto-iris

Product Description

The EX14.MX4 is an all-environment camera for extreme weather applications. The simple, effective design allows performance under the most challenging of environmental conditions, including wash-down facilities, subzero temperatures and corrosive environments. The housing is compact, yet large enough to accommodate a 4-8mm varifocal lens and Extreme's mechanical filter imaging technology.

The EX14.MX4 incorporates Extreme’s MFP technology, a photocell-controlled filtering technique that eliminates problems such as focus shift and IR bleed. The result is an excellent 24/7 camera, with brilliant color performance during the day and exceptional Night Vision under infrared and low-light.

Made of an injection-molded ABS/Nylon resin, the EX14.MX4 is engineered specifically to withstand hot, cold and wet environments. A totally insulated inner chamber eliminates the requirement for internal heaters and blowers. Compliant to IP66, the EX14.MX4 also features an easy-access camera compartment for easy camera adjustments and installation.

The EX14.MX4 is ideal for extreme environment applications and comes complete with nylon wall bracket for fast and easy installation.

Product Images

Applications

- Wash down applications
- Food processing
- Outdoor environments
- Marine applications
- Artic conditions
- Acid / alkali environment
- Swimming pools
- Sewage Treatment plants
- Sub-zero weather applications
- Clean rooms
- Coastal environments
- Ports and harbours
- Industrial freezers and refrigerators

Dealer/Distributor

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www.ExtremeCCTV.com

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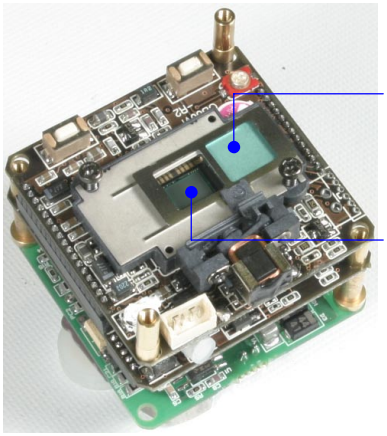
Technical Specifications

Construction	Injection-molded ABS / Nylon
Image Sensor	1/3'' LXR CCD
Lens	Varifocal 4.0-8mm Auto-iris, IR-optimised
Effective Pixels	NTSC: 765 (H) x 494 (V) PAL: 752 (H) x 582 (V)
Horizontal resolution	450 lines color imaging 570 lines B/W imaging
Scanning System	525 lines interlaced (NTSC) 625 lines interlaced (PAL)
Synchronization	Internal
Output Signal	Standard composite signal 1Vpp composite video into 75Ω
Sensitivity	0.2Lux with F2.0 lens Zero lux with infrared
Electronics Iris	1/60 ~ 1/100,000 (NTSC) 1/50 ~ 1/100,000 (PAL)
Signal to Noise Ratio	Greater than 46dB (AGC off)
Gamma	0.45
AGC	On (4-26dB max)
Input Voltage	12 VDC / 24 VAC
Power Consumption	2W or less
Internal Heater / Cooler	Not required
Window	Flame resistant VO-Margard
Operational Temperature*	-40°C to +50°C (-40ºF to 122ºF)
Storage Temperature	-50°C to +70°C (-58ºF to 158ºF)
Wall Bracket	Included
Color	Black
External Dimensions	180mm (l) × 85mm (w) × 85mm (h) 7.1" (l) x 3.3" (w) × 3.3" (h)
Internal Dimensions	100mm (l) × 60mm (w) × 60mm (h) 3.9" (l) × 2.4" (w) × 2.4" (h)
Diameter of Front Window	50mm (2.0")
Weight	0.7kg (bracket included)
Environmental	IP66 compliant
Weight	0.7kg (bracket included)

MFP Technology



Day: IR-cut filter delivers accurate color by filtering IR light

Night: IR-pass filter, photocell-controlled, allows optimal performance in dark

Conventional dual mode color / IR camera: Video taken without MFP technology suffers from IR bleed and poor quality color.

MFP Technology: The same scene shows excellent color performance under Extreme's mechanical filter technology.

A&E

Available upon request.

Please contact Sales@ExtremeCCTV.com

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