

## Key Features

- US Patented No-Grip™ anchor-free design with Night Vision
- 1/3" LXR CCD for excellent IR sensitivity, low smear, low streak and excellent anti-blooming characteristics
- Perfectly flush fit into the top corner of a room prevents any anchor point for maximum safety for at-risk persons
- Ruggedized vandal-resistant design protects against even the most brutal attempt to destroy, detach or disable the camera
- 45° tilt to view an ENTIRE 15x15 ft room, including underneath the camera itself
- 84 photocell-controlled LED infrared illuminators, 850nm or 940nm, for up to 30ft Active-Infrared Night Vision
- Mechanical Filter (MFP Technology) available for brilliant daytime color, outstanding performance under Active-Infrared Night Vision and virtually zero focus from color to IR
- 1/4" thick LEXAN windows for optical clarity and vandal resistance
- Separated camera and infrared compartments prevent light rebound and interference.
- Internal tilt device for camera adjustments
- User-adjustable IR intensity
- Plug and Play Installation

## Product Description

The EX36 is a vandal-resistant corner Integrated Day-Night™ (IDN™) camera featuring anchor-free No-Grip™ design. The US Patented EX36 has no anchor points for maximum safety in environments with at-risk individuals. The innovative design allows a perfectly flush fit into the corner of a room that protects against even the most brutal attempt to destroy, detach or disable the camera. The sharp 45° angle hides all wiring and delivers complete coverage of the entirety of a 15x15ft room, including below the camera itself. Double 1/4" LEXAN plates ensure optical clarity and are virtually unbreakable.

Eighty-four (84) infrared-emitting LED's achieve up to 30ft Night Vision, providing invisible illumination at 850nm or 940nm. Photocell-controlled infrared reduces energy consumption and ensures excellent night vision images under low-light conditions. LEDs intensity is adjustable for optimal performance.

The EX36 uses Extreme's LXR CCD technology for outstanding spectral response in the near infrared. As with all LXR-type sensors, the video signal is characterized by low-smear, low-streak and excellent anti-blooming characteristics for excellent active-IR night vision. MX models feature Mechanical Filter technology for outstanding color reproduction and superb Active-IR Night Vision with no focus shift.

Dual-VRB design (12 VDC or 24 VAC) minimizes voltage noise and electrical spikes, ensuring long life and minimal maintenance. The EX36 is the ideal 24/7 surveillance solution for small rooms such as prison cells, interrogation rooms, hospital and psychiatric rooms, isolation cells, sleep labs and elevator cabs.

## Product Image



## Applications

- Prisons cells
- Hospital rooms
- Psychiatric wards
- Elevators
- Storage rooms
- Interrogation rooms
- Seclusion cells
- Covert surveillance
- Holding cells

## Certifications / Compliance

CSA C22.2 No 0-M1991	General Electrical Requirements, Part II
CSA C22.2 No 1-M94	Audio, Video, and Similar Equipment
CSA C22.2 No 94-M91	Special Purpose Enclosures
UL Std No 50	Enclosures for Electrical Equipment
UL Std No 2044	Commercial CCTV Equipment Applicable Health Care Facility Rqts

**General CCD Specification** (See specification tables for detailed camera specifications)

<b>CCD</b>	<b>Description</b>
M4	Mechanical filter, photocell, 1/3" SuperHAD sensor, 550 TVL color, 570 TVL monochrome
MX4	Mechanical filter, photocell, enhanced infrared sensitivity, 1/3" LXR sensor, 550 TVL color, 570 TVL monochrome
S3	1/3" SuperHAD sensor, 600 TVL monochrome
SX3	Enhanced infrared sensitivity, 1/3" LXR sensor, 420 TVL monochrome

**Specifications: EX36 Anchor-Free No-Grip™ Integrated Day-Night™ Color Cameras**

	<b>EX36MNX Color / Mono Enhanced IR Sensitivity   Mechanical Filter</b>	<b>EX36MN Color / Mono with Mechanical Filter</b>
CCD	MX4 with MFP Technology	M4 with MFP Technology
Image sensor	1/3" LXR CCD	1/3" SuperHAD CCD
Resolution	550 TVL color / 570 TVL monochrome	550 TVL color / 570 TVL monochrome
Effective Pixels	NTSC: 768(H) x 494(V)   PAL: 752(H) x 582(V)	NTSC: 768(H) x 494(V)   PAL: 752(H) x 582(V)
Daytime Sensitivity	0.02 Lux with F1.4 lens	0.06 Lux with F1.4 lens
Night-time Sensitivity	0 Lux - operates in total darkness	0 Lux - operates in total darkness
S/N Ratio	Greater than 48dB	Greater than 48dB
Filter	Mechanical dual-window IR-Pass / IR-Cut	Mechanical dual-window IR-Pass / IR-Cut
Output Signal	1Vp-p, 75Ω	
Gamma	0.45	
Gain Control	AGC	
Electronics Iris	1/60 ~ 1/100,000 (NTSC) - 1/50 ~ 1/100,000 (PAL)	
LEDs	850nm or 940nm, intensity adjustable	
Number of LEDs	84	
Day-Night Switching	Automatic photocell-control, sensitivity adjustable	
Voltage Regulation	Dual VRB design for enhanced electronic stability	
Voltage Supply	12 to 24 VDC or VAC	
Power Draw	900mA at 12 VDC max	
Windows	1/4" thick LEXAN	
Construction	Painted steel with flush removable front panel and tamper-resistant screws	
Weight	2.6lbs   1.2kg	
Operational Range	-50°C to +50°C   -58°F to 122°F	
Overall Dimension	8.8" (W) x 5.3" (H) x 6.1" (D)   224mm x 134mm x 155mm	

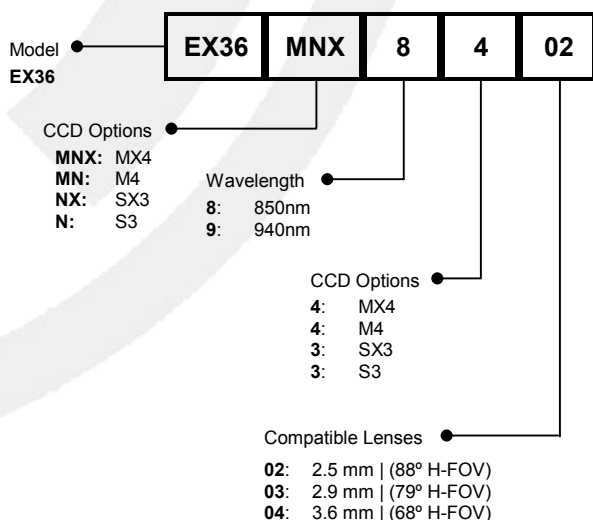
Dealer / Distributor


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**Specifications: EX36 Anchor-Free No-Grip™ Integrated Day-Night™ Monochrome Cameras**

	EX36NX Enhanced IR Sensitivity	EX36N Monochrome
CCD	SX3 LXR-1/3" CCD	S3 Interline SuperHAD Monochrome
Resolution	420 TVL	600 TVL
Effective Pixels	EIA: 510(H) x 492(V)   CCIR: 500(H) x 582(V)	NTSC: 768(H) x 494(V)   PAL: 752(H) x 582(V)
Sensitivity	0 Lux - operates in total darkness	0 Lux - operates in total darkness
S/N Ratio	Greater than 50dB	Greater than 50dB
Output Signal	1Vp-p, 75Ω	
Gamma	0.45	
Gain Control	AGC	
Electronics Iris	1/60 ~ 1/100,000 (NTSC) · 1/50 ~ 1/100,000 (PAL)	
LEDs	850nm or 940nm, intensity adjustable	
Number of LEDs	84	
Day-Night Switching	Automatic photocell-control, sensitivity adjustable	
Voltage Regulation	Dual VRB design for enhanced electronic stability	
Voltage Supply	12 to 24 VDC or VAC	
Power Draw	900mA at 12 VDC max	
Windows	1/4" thick LEXAN	
Construction	Painted steel with flush removable front panel and tamper-resistant screws	
Weight	2.6lbs   1.2kg	
Operational Range	-50°C to +50°C   -58°F to 122°F	
Overall Dimension	8.8" (W) x 5.3" (H) x 6.1" (D)   224mm x 134mm x 155mm	

**Part Numbers** *(Special Order Models available on request)*

**Optional Accessories**

- [EXPS.004](#) Power supply unit, 24 VDC. 1.0 Amp with 2.1mm plug connector
- [EXAM.100](#) Microphone module with pre-amp

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