

Key Features

- Dual-sensor design for views in opposite directions
- Numerous lens options for wide and narrow field of view
- Pan-tilt adjustable CCD gimbals
- VRB power protected for electrical stability
- Weather-sealed housing
- CSA / UL certified for safe, legal installations
- Hi-impact, vandal resistant design
- Anodised aluminum base for attractive finish and high resistance to harsh outdoor elements
- 3" thick polycarbonate dome for maximum protection
- CNC milled for exceptional mechanical strength
- Operating temperature range from -58°F to +140°F

Product Description

The EX44 is a hi-impact, vandal-resistant fixed dome camera with dual CCD sensors for two simultaneous video feeds in opposing directions.

The EX44 utilizes two CCDs with several lens options to deliver exceptional image quality in opposite directions. Dual VRBs allow 12 VDC or 24 VAC operation while providing protection from surges, transient spikes and other electrical irregularities. The dome is packed with installer-friendly features, including Video Patch Leads (VPL) for "in-situ" video review on a portable test monitor. Internal fastening hardware is thermally and mechanically optimised for enhanced reliability. All EX44 domes are conduit compatible for easy installation onto standard electrical fittings

The EX44 features base construction of CNC machined anodised aluminum, the same material used to protect satellites from the severe environments of outer space. Anodised aluminum is an incredibly durable material with high corrosion resistance and heat-resistant to over 1,200° F. Unlike other finishes, anodised aluminum has astounding chemical stability and will resist changes to color or appearance, even under heavy exposure to ultraviolet rays. The one-piece CNC fabrication process ensures the highest degree of precision and unyielding mechanical strength.

A polycarbonate dome of 3mm thickness is utilized to protect the internal camera components. Resistant to impact, fire, heat and UV, the polycarbonate dome is guaranteed unbreakable in the face of even the most vicious attacks by vandals. The weather-sealed EX44 is specified for performance in temperatures ranging from -50°C to +60°C (-58°F to +140°F) and certified for safe, legal installs.

Product Image



Applications

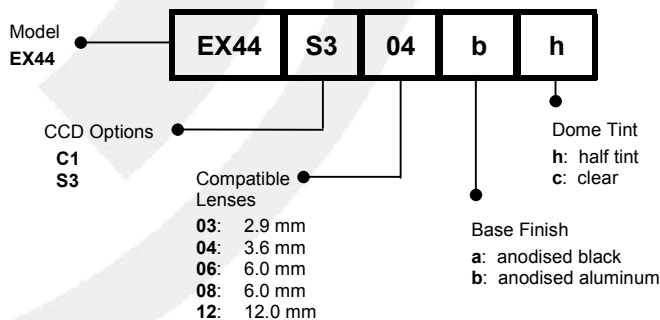
- Retail, schools, hospitals
- Commercial sites
- Hotels and gated communities
- Transportation hubs
- Restaurants / bars
- Retail establishments
- Industrial parks
- Banks
- Prisons and correctional facilities
- Hospitals
- Casinos
- Corporate campuses
- Schools, colleges and universities
- Vandal-prone locations

Certifications / Compliance

CSA Type 4X	Outdoor Weather Rating
CSA C22.2 No 0-M1991	General Electrical Rqmts, Part II
CSA C22.2 No 1-M94	Audio, Video, & Similar Equipment
CSA C22.2 No 94-M91	Special Purpose Enclosures
UL Std No 50	Enclosures for Elec. Equipment
UL Std No 2044	Commercial CCTV Equipment

General Specifications

	EX44.C1 Color	EX44.S3 Monochrome
CCD	C1 Color	S3 Monochrome
Image Sensor	1/4" Sharp CCD	1/3" Sony SuperHAD CCD
Resolution	380 TVL	600 TVL color
NTSC Effective Pixels	NTSC: 512 (H) x 492 (V)	NTSC: 768 (H) x 494 (V)
PAL Effective Pixels	PAL: 512 (H) x 582 (V)	PAL: 752 (H) x 582 (V)
S/N Ratio	Greater than 48dB	Greater than 50dB
Sensitivity	1.0 Lux / F2.0	0.1 Lux / F2.0 lens
Output Signal	1Vp-p, 75Ω	
Electronics Iris	Up to 1/100,000 s	
Voltage Regulator	included for electronic protection	
Voltage Supply	12 VDC or 24 VAC	
Power Consumption	220 mA @ 12 VDC, 2.6 W (max)	
Dimensions	4.6" (118mm) diameter / 3.68" 93.5mm H	
Dome Construction	Semi-spherical polycarbonate dome, 3mm thickness	
Base Construction	CNC Anodised Aluminum	
Gimbal	Pan-Tilt Capable	
Weight	1.3 lbs (610g)	
Humidity Range	up to 85% relative humidity	
Operational Range	-50°C to +60°C (-58°F to 140°F)	

Part Numbers
(Other Special Order Models available on request)

Optional Accessories

EXPS.001	Power Supply Unit
EXMB.047	Pendant Mount Bracket
VPC	Video Patch Connector (to connect local video out to test monitor)

 Specifications are subject to change without notice
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Dealer/Distributor


 UK / Europe
 USA / Canada
 Toll Free (NA)

 Tel: + 44 (0) 1670 730 187
 Fax: + 44 (0) 1670 730 188
 Tel: + 1 604 420 7711
 Fax: + 1 604 420 3300
 Tel: + 1 888 409 2288
 www.ExtremeCCTV.com