



# CAM-4D-36IR-EB

480 TVL, Color Eyeball Camera, 3.6 mm Fixed Lens, Electronic Day/Night, Weatherproof, Vandal Proof, Auto Iris, 30 ft



## Analog 480 TV Line Camera Series

Alpha camera series offers a complete line of 1/3" image format digital color CCD cameras. Their high sensitivity and resolution provide superior performance in most environmental conditions. The Alpha cameras are known for their easy installation and features found on more expensive cameras. Alpha Cameras provide optimal picture quality and durability never before seen in cameras of this category and are backed by a 1-year warranty. The series features a wide range of camera styles addressing virtually any type installation and can be used by novices or professionals.

### SPECIFICATIONS

CAMERA	
Series	Alpha
Style	Eyeball dome
Signal System	NTSC/PAL
Horizontal Resolution (D/N)	480 TVL
Image Sensor	1/3" CCD
Picture Elements	NTSC: 768 (H) x 494(V) PAL: 752 (H) x 582 (V)
Lens (mm)	3.6 mm fixed
FOV Degrees (Horizontal/Vertical)	67.3° (H)/53.1° (V)
Auto Iris	Yes
Min. Illumination (day)	Color (day) 0.1 lux f2.0
Min. Illumination (night)	B/W (night) 0 lux f2.0
IR Beam Distance	30 ft.
Infrared	Yes
Day/Night (Electronic)	Yes
True Day/Night	---
Scanning System	2:1 interlaced
Signal-to-Noise Ratio	≥48 dB (AGC off)
Synchronization	Internal
Gamma Correction	0.45 approx.
Back Light Compensation	Yes
White Balance	Yes
On-Screen Display	---
Extra Spot Monitor Output	---
PoUTP	---
DNR (Digital Noise Reduction)	---
WDR (Wide Dynamic Range)	---
IR Cut Filter (Mechanical)	---
3 Way Axis Gimbal	Yes
Communication	---
ACCESSORIES	
Bracket	---
Sun Shield	---
Remote Control	---
Power Pigtail Lead	---
ENVIRONMENTAL	
Operation Temperature	14°F to 122°F (-10°C to 50 °C)
Storage Temperature	-4°F to 140°F (-20°C to 60 °C)
Operating Humidity	Up to 95%
Ingress Protection Rating (IEC 60529)	IP66
Weatherproof	Yes
Vandal Proof	Yes
ELECTRICAL	
Video Out	Composite signal 1.0Vp-p/75ohm
Signal Connector	BNC
Input Voltage	12 VDC
Current Draw	250 mA
Power Consumption	3 Watts
PHYSICAL	
Dimensions (W x H x D)	4.69" ø x 3.23" (119 x 82 mm)
Weight	1.87 lb (850 g)
Housing Material	Zinc
Housing Color	Champagne metallic
Camera Mounting	Wall/ceiling
REGULATORY	
Regulatory Type	CE, FCC, UL
Warranty (Effective Jan 1, 2009)	3 Years

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- 480 TVL color infrared eyeball camera
- 3.6 mm fixed lens
- Weatherproof (IP66) & Vandal proof
- Electronic day/night & Auto-iris
- 30 feet zero lux illumination
- 12 VDC

### AVAILABLE MODELS

Part number	Description
CAM-4D-36IR-EB	480TVL, vandal infrared eyeball camera, 3.6 mm fixed lens, day/night, auto iris, 12 VDC, 30 ft

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