



# ECO SERIES

## ECO-HDMB-43

Outdoor HD Color  
Mini Bullet Camera

Our high definition 1080p30, color mini bullet camera was defined by industry specialists to meet the stringent demands of today's CCTV Professional.

The newest addition to our quality line of cameras, is the ECO-HDMB-43 one of industry's smallest outdoor mini bullet HD camera with external controls, only 28.2mm in diameter.

ECO-HDMB-43 provides Day/Night at over 1080 HTVL of resolution, while consuming low power feed by 12V DC in a fully robust weather resistant housing making it suitable for indoor and outdoor environments where weather protection is a must.



### Features:

- Exceptional HD resolution of 1080p30 for amazing image quality and useful digital zoom.
- Field select 1080p 30/25.
- HD-TVI HD BNC output.
- Operation over 'almost any' wire
  - Over 1000 feet on standard RG59 coax; longer distances on RG6.
- 1/2.7" progressive scan CMOS sensor.
- 4.3mm megapixel lens to capture the desired field of view.
- Easy mounting with 3-Axis positioning for convenient wall or ceiling mounting.
- Simple and easy to use OSD setup menu Up-the-cable control from ECO-THVXXDVR recorders (or other compatible Coaxitron® control equipment).
- On-camera 3-axis joystick.
- Programmable Back Light Compensation (BLC) and Highlight Compensation (HLC).
- Adjustable 2D Noise Reduction to increase low light picture clarity and saving DVR HDD disk space.
- Privacy masking for 8 configurable zones.
- Lens shading compensation for even exposure out to the lens periphery.
- IP67 weatherproof metal housing with 3-axis mount included

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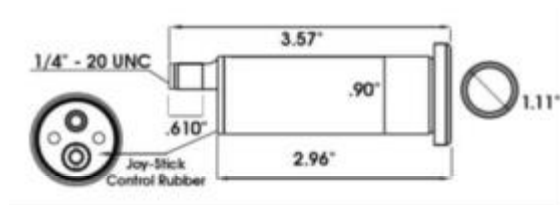
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### Specifications:

Imaging Device	1/2.7" 2MP Progressive Scan CMOS
Video Format	1080p HD-TVI 30/25Hz (OSD selectable)
Picture Elements	1930 (H) x 1088 (V)
Cell Size	3.0µm x 3.0µm
Maximum Image Resolution	1920 (H) x 1080 (V)
Horizontal Resolution	More than 1080 HTVL (1080p mode)
Lens Type	Fixed Focal Length 4.3mm board type, Megapixel
Video Output Connector Type	BNC 75Ω
Sync. Mode	Internal
OSD Menu	Up-the cable (UTC) control, On-camera 3-axis joystick
OSD Language	English
OSD Control	Full OSD Menu access via on-camera 3 axis joystick plus up-the-cable (UTC, Coaxitron® type ) signaling
Other OSD Functions	Camera Title with position, Font Color; Image Sharpness
Electronic Shutter	Auto, 1/25, 1/30, 1/50, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/3000, 1/10000
BLC	(0~16 selectable)
HLC	Adjustable area, 0~255 for mask and threshold values
Auto Gain Control	1~5 (Max. 30dB)
Day/Night Type	Digital Day/Night
Day & Night	Auto, Color, B/W
White Balance	AUTO Indoor / AUTO Outdoor / USER / PUSH / Manual
Flickerless	Off, 50Hz, 60Hz
Privacy Mask	Two, with adjustable size and position
Lens Shading Compensation	Off/On
2D-DNR	Auto
Image Control	Mirror, Flip, Gain, Sharpness, Hue, Contrast
Motion Detection	Off/On for programmable zone with sensitivity adjust (pixel change detection)
Power Source	12VDC
Power Consumption	90mA
Operating Temperature	14 °F ~ 122 °F (-10 °C ~ 50 °C)
Environmental	IP67 weatherproof
Mechanical	Metal housing and mounting bracket; housing equipped with ¼-20 thread at rear
Positioning	3-axis flexible positioning for wall or ceiling. Mounting bracket included
Dimensions	Overall length 3.57" (90.75mm); Body only 2.96" (75.25mm) See diagram for outline details
Weight	2.15 oz. (67g)
Certifications	CE / FCC / RoHS

### Dimensions (Inches):



Design and specifications are subject to Change without notice.

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