



EZH5243

HDcctv 2 Megapixel 1080p Outdoor IR Vandal-resistant Bullet

The EZH5243 is an HDcctv 3-axis outdoor bullet camera with true Day/Night capability in an IP67 vandal resistant housing. Based on a 1/2.9" Sony Exmor progressive scan 2.1 megapixel CMOS sensor for your choice of HD 1080p or 720p resolution 100% digital images, it delivers vastly superior video quality compared to traditional CCTV images. This superior resolution not only captures more critical evidentiary information, but the inherent ability for megapixel video also extends the area of coverage, expedites completion of investigations, resolves complaints and reduces both capital and operational costs. Designed with 6 high power IR LEDs, the EZH5243 can capture true day/night images at up to 130 ft. in low or zero light environments and provides Sens-Up digital

slow shutter low light enhancement of up to 8X. For OSD menu setup, aim and focus, a BNC video test output on the camera cable provides an NTSC signal for display on a standard hand held test monitor, making installation fast and easy.

No major upgrade to the IT network is required to deploy this powerful technology; HDcctv cameras communicate at digital speeds up to 1.5Gb/s over existing or new coaxial cable (RG59 or other types for longer distances), using industry standard BNC connectors. With its 3-axis positioning and vari-focal 3.5-16mm megapixel auto iris lens, low light boost plus high power IR LEDs the EZH5243 delivers flexible, robust coverage in a wide range of demanding surveillance environments while delivering stunning HD image quality.

Features

- HDcctv Megapixel real time 1920x1080 or 1280x720 HD video over coax for superlative image detail
- Supports video outputs of 1080p30/25; 720p60/50/30/25 (field select)
- True day/night operation with automatic ICR module
- Sens-Up of up to 8X DSS boosts low light performance
- HSBLC & Digital WDR functions handle bright and unbalanced lighting conditions
- 3D DNR improves picture clarity while enabling DVRs to improve disk storage utilization
- 3-axis positioning for flexible mounting and aiming
- 3.5~16mm AI VF megapixel lens captures the desired field of view
- Extended IR range of up to ~130 ft.
- Easy to use OSD setup menu with multiple functions (image flip, privacy mask, etc.)
- SD/analog TV Out for setup, aim and focus using a standard hand held test monitor
- Dual Voltage Power Source 12VDC/24VAC
- Weather proof IP67 rated

Pickup Device	1/2.9" Sony Exmor 2.43 megapixel Color Progressive CMOS sensor
Pixels	1920x1080 with 2.8μx 2.8μ pixel size
Image Area Dimensions	5.376mm x 3.024mm (16:9 aspect ratio; 6.17mm diagonal)
Minimum Illumination	0.1lux/F=1.2 (Sens-Up OFF); 0lux(IR LED ON)
S/N Ratio	More than. 50dB
Video Format Main Output	HDcctv
Resolution Main Output	Field select HD1080 or HD720
Video Mode Main Output	Field select 1080p30/25; 720p60/50
Main Output Connector	BNC
Video Format Test Output	NTSC/PAL selectable
Test Output Connector	BNC type
Lens Type	Vari-focal megapixel lens, Auto Iris, f=3.5~16mm
True Day/Night Control	Yes (Auto IR cut filter removal)
OSD Menu	Yes (5-axis joystick control)
Electronic Shutter	Auto/Manual selectable
Exposure Control	Automatic Electronic Shutter
Digital WDR	Weight level adjustable 0~4
SENS-UP / DSS	Low light boost up to 8X
D/N Mode	Auto, Color, B/W (True Day/Night)
Lens Shading Compensation	Off/On
HSBLC (Highlight Suppression Back Light Compensation)	Off/On
Auto Gain Control	Variable relative level 0~10
Auto White Balance	ATW/Push/Manual
DNR 3-D	Low/Medium/High
Digital Zoom	1X~20X
Image Flip	Off /V Flip/H flip/H+V flip (rotate)
Programmable Privacy Zones	23 areas independently adjustable for size, location, color
Language	English
Dead Pixel Compensation	Manual Off/On
Power Source & Consumption	24VAC: 12W ~ 12VDC: 605mA
Dimensions	10.4 7in.(L) x 2.64 in. Diameter
Weight	2.87 pounds
Operating Temperature	-10°C~50°C ; 14°F~122°F
Weather Proof	IP67 rated
Vandal Resistant	Yes
Certifications	FCC, CE

Ordering Information

EZH5243 – HDcctv 1080 IP67 IR 130ft 3.5~16mm Vandal-proof Bullet camera, 24VAC/12VDC, True Day/Night