



EQH5102

1080p HDcctv Mini Box Camera

The EQH5102 is an HDcctv indoor Day/Night camera in a compact traditional housing. Accepting a wide variety of megapixel lenses and based on a 1/3" Panasonic 2.1 megapixel progressive scan sensor for HD 1080p 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

This highly advanced imaging system also incorporates state of the art optical enhancement technologies: Lens Shading Compensation to eliminate artificial shadows caused by attenuation of light as it traverses the outer portions of the lens; Polestar SENS-UP light low enhancement for full motion color in low light conditions without ghosting combines 3D Noise Reduction to maximize image luminance and clarity while conserving DVR disk storage space; Contrast Boost to enhance excessively bright images; digital zoom with electronic PTZ to fine tune field of view; image flip and mirror, and much, much more.

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. Easy to install and test, the EQH5102 has an analog BNC monitor output at the back of the camera allowing the use of a standard portable test monitor for convenient aim and focus. The EQH5102 offers field selectable choice of 1080p or 720p resolution output for securing areas where high quality identification is needed, such as airports, banks and casinos. With low current draw 12VDC operation, day/night capability, Sens-up low light enhancement and a flexible choice of megapixel lenses to achieve the desired field of view, the EQH5102 is the right choice to deploy cost effective HDcctv video surveillance.

Features

- HDcctv 2.1 Megapixel real time 1080p Full HD video over coax for superlative image detail field select 1080p30 or 720p60
- Accepts a wide variety of C/CS DC and manual lenses for complete flexibility in choosing Field of View (C mount adapter ring included)
- Electronic Lens Shading Compensation offsets diminished light transmission through lens periphery for uniform image illumination
- Digital Slow Shutter for improved low light sensitivity
- 3D DNR for reduced image noise and improved DVR HDD usage
- Multiple image processing capabilities (Back Light Compensation, Privacy Zones, Image flip and mirror, Digital Zoom) to optimize coverage
- Video Output : Megapixel HDcctv (BNC) plus SD TV Out (BNC) for installation aim and focus with standard hand held test monitor

Pickup Device	1/3" Panasonic 2.1 Megapixel Progressive CMOS Sensor
Image Pixels	1920 H x 1080 V
Sensitivity	Color : 0.4 lux, BW : 0.1 lux, Color DSS : 0.1 lux, BW DSS : 0.025 lux
S/N Ratio	Greater than 50dB (AGC off)
Video Mode Main Output	HDcctv Field select 1080p60/50 or 720p60/50
Main Output Connector	BNC-F
S/N Ratio	More than 50dB (AGC Off)
Video Format Test Output	NTSC/PAL selectable 1V p-p
Test Output Connector	BNC-F
Electronic Shutter	Auto or Manual: 1/30(1/25)~1/60,000
Digital Slow Shutter	Off/1~4X
Digital Noise Reduction	3D DNR OSD selectable Off/low/mid/high
Lens Type	CS mount (Adapter included for C-mount; lens sold separately).
Lens Control	Supports DC or manual lens
Lens Shading Compensation	Off/On
Digital Slow Shutter	Off/1~4X
Back Light Compensation	On/Off selectable
Auto Gain Control	OSD selectable – 20 steps
Contrast Boost	Off/On selectable
Sharpness	OSD selectable – 10 steps
Auto White Balance	Auto/Preset/Manual
Brightness	OSD selectable – 20 steps
OSD Menu	Yes (controlled from rear 5-axis joystick control)
Day/Night Control:	Auto/Color/B&W
Digital Zoom	OSD selectable – 96 steps
V-Flip	Off/On
H-Mirror	Off/On
Privacy Mask	OSD Programmable 32 zones
Motion Detection	OSD Programmable Off/On with local trigger output
Dead Pixel Compensation	Manual activation
RS-485	2400~11500 baud; Protocols: EVF-1, Pelco D/P; screwless terminal connector
Language Support	English/French/German/Simplified Chinese
Power Source	12VDC screwless terminal connector
Power Consumption	125mA max.
Dimensions (incl. BNC)	3.43" x 1.82" x 1.89"
Weight	.43 lbs
Operating Temperature	0°C~45°C ; 32°F~113°F (20%~80% Humidity)
Certifications	FCC/CE

Ordering Information

EQH5102: HDcctv Mini Box Camera 1080p/720p, 12VDC, Day/Night, DSS

Models vary in different countries. Visit www.everfocus.com and select your country for accurate ordering information.

Product specifications are subject to change without notice. Visit www.everfocus.com for the most updated information.