EZ550 POLESTAR

1/3" CCD Polestar True Day/Night Weatherproof IR Camera with 6~50mm Lens and RS485 Control

EZ550 camera is a true day/night, long range IR style color camera. Engineered with the advanced new generation 16 bit DSP, EZ550 has powerful processing capability to perform 560 TVL of horizontal resolutions. With built-in DNR (Dynamic Noise Reduction), the EZ550 provides crystal clear images in low light conditions and 70% of substantial disk-saving storage. This bullet style camera supports RS485 remote control and has an external controller for 6~50mm auto Iris lens and OSD setting.

EverFocus®

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COLOR NTSC, PAL | AWB Yes | BLC Yes | Day/Night | Vandal Proof | OSD Menu | AI Auto Iris | AGC Yes | IP66 Weatherproof | Vari-frequency | Outdoor | Heater | Cable Management Solution | DNR Yes

Specifications:

Pickup Device	1/3" SONY Super HAD CCD
Video Format	NTSC or PAL
Scanning System	NTSC: 525 TVL, 60 fields/sec; PAL: 625 TVL, 50 fields/sec.
Picture Elements	768 x 494 (NTSC); 752 x 582 (PAL)
Horizontal Resolution	560 TVL
Sensitivity	0.002 Lux/F=1.2 (IR Off,SENS-UP 128X) 0 Lux (IR On)
S/N Ratio	50 dB
Electronic Shutter	1/50 (1/60) ~1/100,000
Lens Type	Vari-focal f=6~50mm lens
True Day/Night	Yes
Backlight Comp.	Yes (Off/Low/Mid/Hi)
Auto Gain Control	Yes (Off/Low/Mid/Hi)
Digital Noise Reduction	Yes (Off/Low/Mid/Hi)
SENS-UP	128x, Auto
Auto White Balance	ATW/AWC/Manual
Gamma Correction	0.45
Video Output	1Vp-p / 75 ohm
Sync. Mode	Internal/Line Lock
Power Source	2 types: 24VAC ; 100VAC~240VAC
Power Consumption	24VAC: 20W, 100VAC~240VAC: 18W
Dimension	275 (W) x 115 (H) mm / 10.8" (W) x 4.5" (H)
Operating Temperature	-40°C ~ 50°C / -40°F ~ 122°F; 20~80%
IR Distance	50 meters / 164 feet
IR Wavelength	850nm
IR LED Lifespan	20,000 hours
Weatherproof Ratings	IP66
Heater	Yes, built-in
Vandal Proof	Yes

Features:

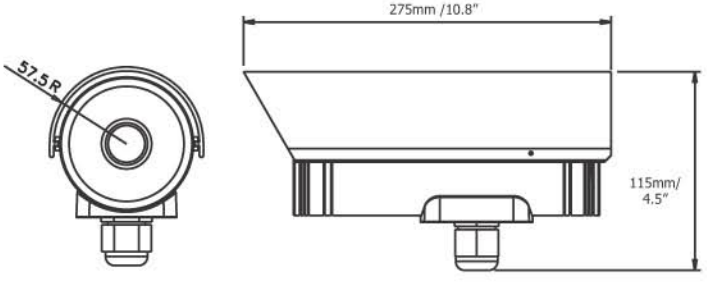
- 1/3" SONY Super HAD CCD with super high resolution
- Utilizes the advanced 16-bit Digital Signal Processor (DSP) for crystal clear images
- Built-in external controller for 6~50mm auto Iris lens (zoom and focus)
- IR distance up to 50 meters/164 feet
- True Day/Night feature with IR Cut Filter
- Built-in Dynamic Noise Reduction (DNR) for noise reduction and 70% saving of disk storage
- OSD setting menu and RS485 remote control
- Built-in heater for applications in low temperature environments
- Cable Management Solution: Cable wires are placed inside camera housing and bracket for a complete IP66 feature, wire damage and easy installation
- IP66 weatherproof and vandal proof

Ordering Information*:

EZ550/CV4: f =6~50mm , 24VAC, IR 50 Meter
EZ550/UV4: f =6~50mm , 100V~240VAC, IR 50 Meter

***Models vary in different countries.**
Please visit EverFocus regional websites for detailed ordering information.

Dimensions:



(Unit: mm/inch)

*Check out www.everfocus.com for other available IR items

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* This Datasheet is designed and printed in Taiwan.

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