



\*Lens sold separately



True Day/Night or  
Color in Low Light



WDR ON



WDR OFF



OSD Menu setup locally  
or remotely via RS-485

## POLESTAR II EQ610

### Color Day/Night *plus* Wide Dynamic Range Box Style Camera

Amazing color low light sensitivity of 0.05 lux before the added benefits of digital signal processing technology, delivered by a 1/3" Sony Super HAD II sensor, is just the beginning with the new EverFocus EQ610. Get **color without compromise** : 560TVL resolution, your choice of full motion color or true day/night images in low light without ghosting, plus 120dB Digital Wide Dynamic Range to handle the most challenging of bright or unbalanced scene lighting conditions. Combined with complete flexibility for selection of lens field of view, electronic or DC iris, wide choices of housing styles and mounting configurations, dual voltage operation and a full suite of OSD Menu and DSP functions controllable at the camera or remotely via RS-485 (3D-DNR to save DVR HDD space, privacy masking, 32X digital zoom, mirroring and rotation, 256X sens-up to a max of .0002 lux, and much more) this is the camera you have been waiting for, and might be the only camera you'll ever need.

# POLESTAR II

## EQ610

## Color Day/Night **plus** Wide Dynamic Range Box Style Camera



### Specifications:

Pickup Device	1/3" SONY Super HAD II CCD
Video Format	NTSC
Picture Elements	768 x 494(NTSC)
Horizontal Resolution	560 TVL
Sensitivity	0.05Lux/F=1.2(AGC ON);0.0002Lux/F=1.2(Sens-up 256x)
S/N Ratio	Over 52dB (AGC off)
Electronic Shutter	1/60 ~1/100,000
Video Output	BNC 1.0V p-p 75Ω,
Gamma Correction	0.45
Lens Type	Manual or DC (DD) type C/CS Mount (lens sold separately)
Back Light Compensation	OFF/BLC/HSBLC Selectable
Auto Gain Control	Off/Low/Middle/High Selectable
White Balance	ATW/AWB/AWC/Manual/Indoor/Outdoor Selectable
Sync. Mode	Internal/Line lock
Day & Night	Auto/Color/BW/EXT (Ext port for switch on command)
OSD menu	Multiple functions; local or RS-485 remote control
3D-DNR	OFF/ON with adjustable level
Digital WDR	Outdoor, Indoor (95dB typical, 120dB max Dynamic Range)
Digital Slow Shutter	Sens-Up to 256X
Mirror	Off/Mirror/V-Flip/Rotate Selectable
Digital Zoom	On/Off selectable up to 32X
Motion Detection	Off/On for 4 selectable zones
Motion Alarm Output	1 output (3.3VDC)
Privacy Mask	Off/On for 8 selectable zones
RS-485	Control input for menu/configuration
Power Source	12VDC/24VAC
Power Consumption	12VDC:3W max. / 24VAC:3W max.
Operating Temperature	0°C~50°C ; 32°F~122°F
Humidity	20% - 80% non condensing
Dimensions	2.7 "(W) x 2.2"(H) x 4.7"(L); 68mm(W) x 56mm (H) x 120mm (L)
Weight	0.4 kg / 0.9 lbs
Certifications	CE / FCC

### Features:

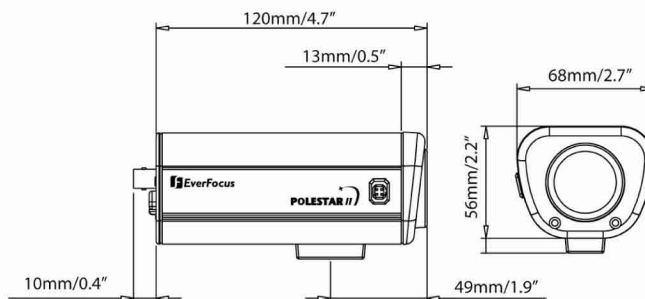
- Super HAD II sensor at .05 lux has 5X better native light sensitivity before DSP low light boost
- Color without compromise: your choice of full motion color or true day/night images in low light without ghosting
- True Day/Night with ICR module
- Starlight super high sensitivity of 0.0002 Lux/F=1.2 is achieved through a sensitivity increase setting of up to 256x
- Digital Wide Dynamic Range expansion to deliver properly exposed images despite bright light sources, deep shadows and/or unbalanced lighting in the same scene
- Provides 3D-Noise Reduction to improve picture clarity while enabling DVRs to improve disk storage utilization
- Accepts C/CS mount manual or DC iris lenses
- Easy to use OSD setup menu with local or RS-485 remote control (DVR or keyboard)
- Motion detection for 4 configurable zones and local alarm output
- Privacy mask function for 8 configurable zones
- Provides digital zoom up to 32x
- Dual voltage (12VDC/24VAC) with line lock to AC supply

### Ordering Information:

- EQ610: Day/Night, 560TVL, 12VDC/24VAC, High Res., Indoor, Box Camera, with DNR & WDR

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

### Dimensions:



(Unit: mm/inch)

\*Visit [www.everfocus.com](http://www.everfocus.com) for complete product line

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\* Not all models featured are available in all countries. For accessories and other product information, please visit [www.everfocus.com](http://www.everfocus.com)

\* Safety Precaution: Please read all operating instructions and installation manual carefully before using this product.

\* EverFocus is not responsible for network performance and/or other manufacturer products that reside on the network

\* All product weights and dimensions are approximate.

\* All products may be subject to export control regulations

\* All product photographs were taken for the purpose of explanation. Actual images may differ.

\* This datasheet is designed and printed in Taiwan.