

Inspire Next

In Low Light *Technology*



 **POLESTAR**
Super Low Lux Hi-Res. Camera

Polestar Series
EQ550

**530 TVL True Day & Night
Dynamic Noise Reduction Camera**

- Excellent Super-high Resolution technology, 530 TV lines of horizontal resolution
- Advanced 16-bit Digital Signal Processor (DSP) delivers excellent picture quality and performance
- True Day/Night function with ICR module
- Built-in DNR (Dynamic Noise Reduction) for noise reduction and a 70% saving of Disk storage
- The starlight Super-high sensitivity of 0.002 Lux/F-1.2 is achieved by setting SENS-UP Shutter X128

 **EverFocus®**

EQ550



530TVL Super Low Lux Hi-Res. Color Camera

The new EQ550 is designed with advanced new generation 16-bit DSP which has powerful processing capability to show over 530TVL horizontal resolution. Built-in DNR(Dynamic Noise Reduction) function, the EQ550 performs clear & crisper image in low light and substantial disk-saving effect. In addition, designed with SENS-UP slow shutter technology, the starlight super-high sensitivity of 0.002 Lux is achieved. There are two models, one is Day/Night model, the other one is True Day/Night with ICR module.

Features:

- Excellent Super-high Resolution technology, 530 TV lines of horizontal resolution
- Built-in DNR(Dynamic Noise Reduction) for noise reduction
- Disk-saving with DNR
- Support Motion Detection function
- Day/Night function
- True Day/Night function with ICR module
- Advanced 16-bit Digital Signal Processor (DSP) delivers excellent picture quality and performance
- The starlight Super-high sensitivity of 0.002 Lux is achieved by setting SENS UP x128
- 0 Lux(IR LED on)
- OSD setting menu
- Support Privacy function
- High sensitivity designed with SONY sensor
- Support either C-mount or CS-mount

Specifications:

Pickup Device	SONY 1/3" Interline Transfer Color CCD	White Balance	ATW(2500~8300 °K)/AWC/Manual
Video Format	NTSC/PAL	Auto Gain Control	Yes, Off/Low/Middle/High selectable
Picture Elements	NTSC: 768 (H) x 494 (V); PAL: 752 (H) x 582 (V)	DNR	Yes, off/low/middle/high selectable
Horizontal Resolution	530 TV lines	SENS-UP	Off/Auto:X2~X128 selectable
Sensitivity	0.002Lux(SENS-UP X128); 0.25Lux/F=1.2 0 Lux (IR LED on)	Camera ID	On/Off
S/N Ratio	Over 50dB (AGC off)	Motion Detection	Off/On(4-Zone, Position/Size/Tone)
Gamma Correction	0.45	Privacy	Off/On(4-Zone, Position/Size/Tone)
OSD	Yes	Sharpness	Off/On(Adjustable Level)
True Day/Night Control	Yes(Auto IR Cut Removable and B/W Sensitivity Enhanced)	H Mirror	Off/On
IR Cut Removable Control	High Lux/Low Lux/OFF switchable	Video Output	BNC VBS, 1.0Vp-p, 75ohm
Light Sensor	Internal/External (3.5mm Jack)	Sync. Mode	Internal sync/Line Lock
Lens Selection	Direct Drive/Manual selectable	Audio	Optional
Shutter Selection	ESC/Manual/FLK selectable	Power Source	12VDC; 12VDC/24VAC ; 100-240VAC
Back Light Comp.	Yes, Off/Low/Middle/High selectable	Dimensions	56 (W) x 68 (H) x101 (D)
Color Adjustable	Yes, Adjustable level	Operating Temperature	-10°C ~ 50°C, 20~85%
		Power Consumption	DC12V:310mA;AC24V:300mA; AC100V:60mA;AC240V:50mA

Advantages of DNR:

Removes Picture Noises



DNR OFF



DNR ON

Reduces File Size



23.7KB

100%

DNR OFF



7.5KB

30%

DNR ON