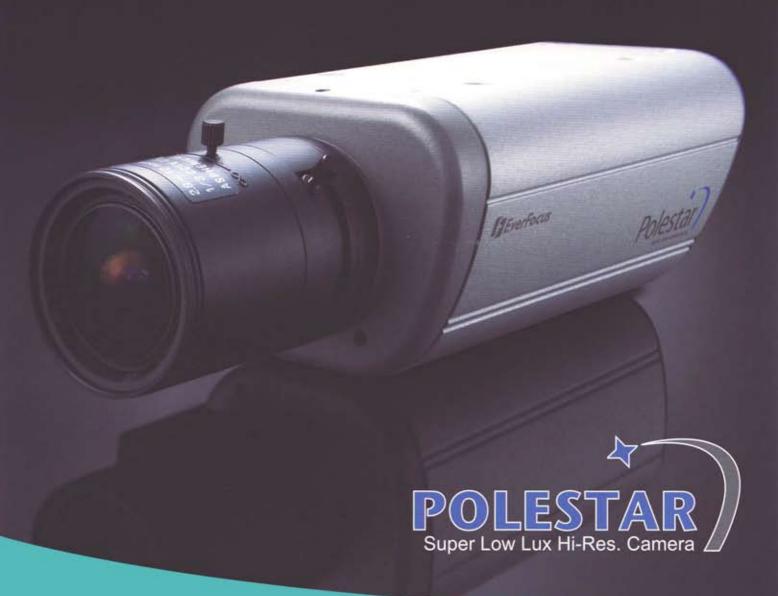
Inspire Next In Low Light Technology



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



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

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opecifications.	
Pickup Device	SONY 1/3* Interline Transfer Color CCD
Video Format	NTSC/PAL
Picture Elements	NTSC: 768 (H) x 494 (V);
	PAL: 752 (H) x 582 (V)
Horizontal Resolution	530 TV lines
Sensitivity	0.002Lux(SENS-UP X128); 0.25Lux/F=1.2 0 Lux(IR LED on)
S/N Ratio	Over 50dB (AGC off)
Gamma Correction	0.45
OSD	Yes
True Day/Night Control	Yes(Auto IR Cut Removable and
	B/W Sensitivity Enhanced)
IR Cut Removable Control	High Lux/Low Lux/OFF switchable
Light Sensor	Internal/External (3.5mm Jack)
Lens Selection	Direct Drive/Manual selectable
Shutter Selection	ESC/Manual/FLK selectable
Back Light Comp.	Yes, Off/Low/Middle/High selectable
Color Adjustable	Yes, Adjustable level

White Balance	ATW(2500-8300 °K)/AWC/Manual
Auto Gain Control	Yes, Off/Low/Middle/High selectable
DNR	Yes, off/low/middle/high selectable
SENS-UP	Off/Auto:X2~X128 selectable
Camera ID	On/Off
Motion Detection	Off/On(4-Zone, Position/Size/Tone)
Privacy	Off/On(4-Zone, Position/Size/Tone)
Sharpness	Off/On(Adjustable Level)
H Mirror	Off/On
Video Output	BNC VBS, 1.0Vp-p, 75ohm
Sync. Mode	Internal sync/Line Lock
Audio	Optional
Power Source	12VDC; 12VDC/24VAC; 100-240VAC
Dimensions	56 (W) x 68 (H) x101 (D)
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



DNR OFF



DNR ON

