

EQ550



Polestar 530TVL Super High Resolution 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(EQ550)
- True Day/Night function with ICR module(EQ550T)
- 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, EQ550T+IR LED)
- 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 0Lux(EQ550T+IR LED) | 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 , EQ550T) | 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,EQ550T,Optional) | 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

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

- The Starlight Super-high sensitivity of 0.002
- Disk Saving with unique DNR (Dynamic Noise Reduction) technology
- Ultra High Resolution of 530TV lines
- Removed noise, ghosting effect with DNR (Dynamic Noise Reduction)
- True Day & Night capability with ICR module (EQ550T)
- Privacy image masking with free position
- Motion Detection
- OSD(On Screen Display)

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