

EQ500A/EQ500

1/3" Day/Night Digital Color Camera



The EQ500 day/night digital camera features with the advanced digital process circuits design: it delivers high-resolution superior color images in bright light, and clear sharp monochrome pictures in low light. The evolution 2-in-1 intelligent video camera brings your security surveillance system to a new digital era.

SPECIFICATIONS

Pickup device:	1/3" interline transfer Color CCD
Video format:	NTSC / PAL
Picture element:	NTSC:768(H) x 494(V) PAL: 752(H) x 582(V)
Scanning system:	525 lines(NTSC);625 lines(PAL)
Horizontal resolution:	480 TV Lines
Sensitivity:	1.0 lux/F=1.2
S/N ratio:	Over 48 dB
Camera ID symbol:	9 characters title generator
Back light comp.:	on, 255 levels variable on screen
Auto white balance:	Three Modes Selectable: 1.Standard: 2500 ^o K~9500 ^o K 2.Large Frame: 2400 ^o k~11000 ^o K 3.No Frame: 2000 ^o K~18000 ^o K
Auto white balance speed:	Stop~14, 15 steps variable on screen
Auto IRIS:	Video Drive or Direct Drive switchable
D/D Lens iris Level:	Level: L~H, 30 steps available on screen
Exposure:	Four modes selectable on screen: 1.ES: 1/60(1/50) ~ 1/100,000 sec.; AGC Gain: 10~36dB 2.Manual Exposure: 1/60(1/50), 1/100 (1/120), 1/250,1/500,1/1000, 1/2000,1/5000,1/10,000sec.; AGC Gain: 0, 6, 12, 18 3.Flickerless: 1/100(NTSC), 1/120(PAL), AGC Gain 10~36dB 4.Auto IRIS: 1/60(1/50) sec.; AGC Gain: 10~36dB
Sync. mode:	Internal sync. / Line lock
V Phase adjustment:	Line Phase, 0~300 ^o (60 steps variable on screen)
Gamma correction:	>0.45
Video output:	BNC VBS ,1.0Vp-p, 75 ohm
S-Video:	Y: 1.0Vp-p, 75ohm, C:286mV, 75ohm
Day/Night:	On/Off
Lens mount:	C/CS mount
Power source:	12VDC or 24VAC/90~260VAC
Dimension:	56 x 68 x 101 mm
Operating temperature:	0 ^o C to +50 ^o C
Power consumption:	5W max.

FEATURES

- 1/3" Color CCD pick up device
- 480 TV lines horizontal resolution
- Programmable camera ID
- User friendly on-screen set up menu allows ES, AGC, AWB, BLC, and Sync. to be customized program
- High resolution color camera in bright light and B/W camera in low light
- RS232 remote control communication and S-Video output available