

Monochrome High Resolution CCD Camera

KC-38 series



Features

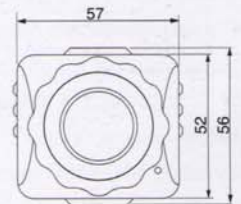
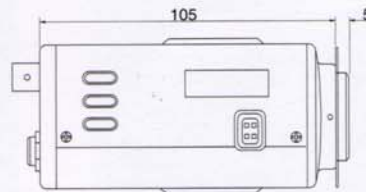
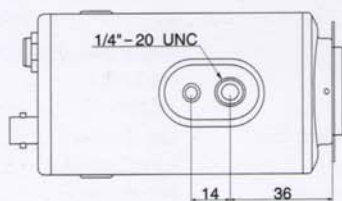
- Especially designed for surveillance applications
- Extremely high resolution up to 600 TV lines
- High sensitivity with a minimum illumination of 0.02 lux at F1.2
- Smart digital control auto exposure system with histogram and windows detect BLC
- BLC function can be superimposed on auto iris lens control signal
- Gen-lock or Line-lock external sync.
- Monitor out function for on-the-spot camera positioning
- Accepts 2 types of auto iris lenses : DC / Video drive type
- Accepts C/CS mount lenses
- Flange Back adjustable

Specifications

KC-38

Image device:	1/3" interline transfer CCD
Signal system:	CCIR or EIA standard
Picture elements:	CCIR :795(H) x 596(V) EIA:811(H) x 508(V).
Scanning system:	CCIR:625 lines, EIA:525 lines. 2:1 interlace
Sync system:	Internal / gen-lock / line lock
Horizontal resolution:	600 TV lines
Minimum Illumination:	0.02 lux at F1.2
Gain:	AGC/MGC
S/N ratio:	Better than 50dB
Auto Iris:	Video / DC Drive iris
Auto exposure system:	3 mode 1. AE auto iris: 1/50(1/60) - 1/100,000 sec. 2. AE flickerless: EIA:1/100 sec. CCIR: 1/120sec. 3. AE mechanical iris: 1/50 (1/60) sec.
Manual exposure system :	Shutter speed: 1/50 (1/60), 1/125, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 sec. Gain: 0, 6, 12, 18dB
Back light compensation:	Histogram plus Central window detect on/off
Video output signal:	1 V p-p at 75Ω load
Lens mount:	C & CS mount
Operating temperature:	-10°C to 50°C
Power source:	DC 12V, DC 12V & AC 24V, AC 220V-240V, AC 110V
Dimensions (W x H x D):	57 x 52 x 110mm

Dimensions:



Series item comparison

Item No.	Signal System	Sync. System	Power Source
KC-381C	CCIR	internal	DC 12V
KC-381CG	CCIR	gen-lock	DC 12V
KC-382C	CCIR	internal or line lock	DC 12V & AC 24V
KC-383C	CCIR	line lock	AC 220V - AC 240V
KC-381E	EIA	internal	DC 12V
KC-381EG	EIA	gen-lock	DC 12V
KC-382E	EIA	internal or line lock	DC 12V & AC 24V
KC-383E	EIA	line lock	AC 110V