



EM220

1/3" Color Metal Case Camera

The compact size color metal-case CCD camera is a cost effective model. It is designed for different application for monitoring, security, and surveillance or as an input device in image processing systems.

SPECIFICATIONS

Pickup Device:	1/3" interline transfer CCD □
Video format:	NTSC/PAL
Picture Element:	NTSC:512 (H) x 492(V) PAL:512 (H) x 582 (V)
Horizontal resolution:	NTSC:380 TV Lines PAL:340 TV Lines
Sensitivity:	2.0 lux/F=2.0
S/N ratio:	48 dB
Electronic shutter:	Up to 1/100,000 □
Back light comp.:	Yes
AGC:	On
Auto white balance:	Yes
Gamma Correction:	>0.45
Video output:	1 Vp-p, 75 ohm □
IRIS:	fixed
Power source:	12VDC+/-10%, 250mA.
Sync. Mode:	Internal Sync.
Lens mount:	M12 x P0.5
Dimension:	43 x 59 x 28 mm
Operation temperature:	0°C to +50°C

FEATURES

- The high sensitivity of 2.0 lux/F=2.0 is achieved by using the advanced 1/3 inch interline transfer color CCD.
- The electronic shutter and AGC allow the camera to be used in environments with varying light levels. □
- Built-in anti-aliasing and IR-cut optical filter, except pinhole modules.
- Compact Size: 43 x 59 x 28 mm
- System available NTSC and PAL

ORDERING INFORMATION

- EM220/N-3: 1/3" Color Metal-Case CCD Camera, NTSC, with f = 3.6mm, f = 2.0 lens, 12VDC. □
- EM220/N-3P: 1/3" Color Metal-Case CCD Camera, NTSC, with f = 3.7mm, f = 3.0 Pinhole lens, 12VDC. □
- EM220/P-3: 1/3" Color Metal-Case CCD Camera, PAL, with f = 3.6mm, f = 2.0 lens, 12VDC. □
- EM220/P-3P: 1/3" Color Metal-Case CCD Camera, PAL, with f = 3.7mm, f = 3.0 Pinhole lens, 12VDC.