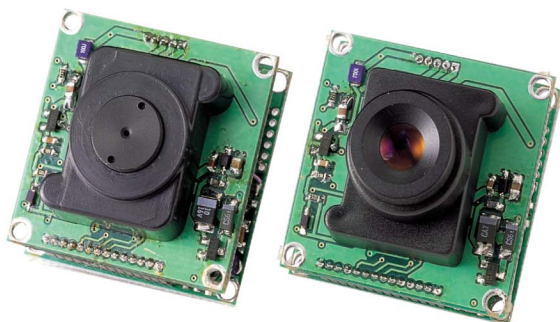


EB220

1/3" Color Camera Module



The color camera module is the heart of the EverFocus color CCD camera family. Our R&D department has had break-through successes in designing circuits and higher S/N performance is achieved. It can be used in many different situations, from security to machine vision and industrial automation.

SPECIFICATIONS

Pickup Device:	1/3 inch 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=1.2
S/N ratio:	48 dB (AGC off)
Electronic shutter:	Up to 1/100,000 sec.
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%, 200mA
Sync. Mode:	Internal Sync.
Lens mount:	M12 x P0.5
Dimension:	32 x 32 x 32 mm
Operating temperature:	0 °C to 50 °C

FEATURES

- The high sensitivity of 2.0 lux/F=1.2 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 environment with varying light levels.
 - Built-in anti-aliasing and IR-cut optical filter, except pinhole modules
 - Small size: 32 x 32 x 32 mm
- System available for NTSC and PAL

ORDERING INFORMATION

EB220/N-3:	1/3" Color CCD Camera Module, NTSC, with f = 3.6 mm, F = 2.0 lens, 12VDC.
EB220/N-3P:	1/3" Color CCD Camera Module, NTSC, with f = 3.7 mm, F = 3.0 Pinhole lens, 12VDC.
EB220/P-3:	1/3" Color CCD Camera Module, PAL, with f = 3.6 mm, F = 2.0 lens, 12VDC.
EB220/P-3P:	1/3" Color CCD Camera Module, PAL, with f = 3.7 mm, F = 3.0 Pinhole lens, 12VDC.