



EB200

1/3" Color Sony CCD Camera Module

The color camera module is designed for cost effective consideration. Our R&D team has a break-through success in designing circuit and the higher S/N performance is further achieved. It can be used in many different applications from security to machine vision and industrial automation.

EB200

1/3" Color Sony CCD Camera Module

COLOR

NTSC, PAL

ES

1/100,000

BLC

ON

AGC

ON

AWB

ON

DC

12V

380

TVL

SONY

CCD

DSP

Specifications:

Pickup device:	1/3" Sony CCD
Picture element:	NTSC: 510(H) x 492(V) PAL: 500(H) x 582 (V)
Horizontal resolution:	380 TV lines
Sensitivity:	0.3 lux / F=1.2
S/N ratio:	48 dB
Electronic shutter:	up to 1/100,000
Back light comp.:	Yes
AGC:	Yes
Auto white balance:	Yes
Gamma correction:	>0.45
Video output:	1 Vp-p, 75 Ohm
IRIS:	fixed
Power source:	12V DC±10%, 200mA
Sync. mode:	Internal sync.
Lens mount:	M12XP0.5
Dimension:	32(W) x 32(H) x 32(D) mm
Operation temperature:	0°C to 50°C, 20~80%

Features:

- The high sensitivity of 0.3lux/F=1.2 is achieved by using the advanced 1/3 inch Sony 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(W) x 32(H) x 32(D) mm
- System available for NTSC and PAL
- Shipped with complete assemblage, easy camera position adjustments

Ordering Information:

EB200N-N2N:	1/3" SONY CCD, NTSC, f=2.5mm lens
EB200N-N3N:	1/3" SONY CCD, NTSC, f=3.6mm lens
EB200N-N4N:	1/3" SONY CCD, NTSC, f=4.3mm lens
EB200N-P2N:	1/3" SONY CCD, PAL, f=2.5mm lens
EB200N-P3N:	1/3" SONY CCD, PAL, f=3.6mm lens
EB200N-P4N:	1/3" SONY CCD, PAL, f=4.3mm lens
EB200N-P0N:	1/3" SONY CCD, PAL, No lens

How model numbers are constructed:

EB200-P4N
EB= 1/3" SONY CCD
Camera Module

N= NTSC
P= PAL

2= lens f=2.5mm/F=2.0 **3=** lens f=3.6mm/F=2.0
4= lens f=4.3mm/F=2.0 **0=** No lens

Dimension:

