

CAMERA

Color Cameras

380TVL of Standard Resolution Color Camera

EM200

1/3" Color Metal-Case Sony CCD Camera

Features

- The 10-bit A/D converter offers clean, noiseless and reliable pictures.
- Low light sensitivity 0.3lux/F=1.2(AGC ON) 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
- Standard resolution 380 TV lines
- Compact and sufficient function capability
- AGC/ES/BLC auto tracing function
- Shipped completely assembled, easy camera position adjustments



Specification

Video format	NTSC or PAL
Picture element	NTSC: 510(H) x 492(V); PAL: 500(H) x 582(V)
Horizontal resolution	NTSC: 380 TV lines; PAL: 340 TV lines
Sensitivity	0.3lux / F=1.2
S/N ratio	48 dB (AGC off)
Back light comp.	On
Auto gain control	On
Electronic shutter	Up to 1/100,000 sec.
Auto white balance	Yes
Gamma correction	>0.45
Sync. mode	Internal Sync.
Power source	12VDC $\pm$ 10%, 200mA
Dimension	43(W)x59(H)x28(D)mm
Operating temperature	0 °C~+50 °C, 20~80%
Weight	141g
Lens	Board lens f=3.6mm, F=2.0 (Optional 2.5/4.3/6.0/8.0/12.0/16.0mm; Pinhole 3.7/5.5mm)

* Further lenses see table page 69

Ordering Information

- **EM200/N-3B:** Color metal case camera with standard 3.6mm lens. To order additional lenses, replace the last number with the first digit(s) of the lens desired: 2.5mm(N-2), 4.3mm(N-4), 6.0mm(N-6), 8.0mm(N-8), 12.0mm(N-12) and 16.0mm(N-16).
- **EM200/N-3P:** Color metal case camera with 3.7mm Pinhole Lens. N-5P refers to optional 5.5mm pinhole lens



COLOR
NTSC, PAL

ES
1/100,000

BLC
ON

DC
+12V

AWB
YES

380
TVL