



EM200

1/3" Color Sony CCD Metal-Case Camera

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

EM200

1/3" Color Sony CCD Metal-Case Camera

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:	43(W) x 51(H) x 37(D) mm
Operation temperature:	0°C to +50°C, 20~80%

How model numbers are constructed:

EM200N-N4N
EM= 1/3" Color Metal-Case CCD Camera

P= PAL
N= NTSC

2 = lens f=2.5mm/F=2.0	3 = lens f=3.6mm/F=2.0
4 = lens f=4.3mm/F=2.0	6 = lens f=6.0mm/F=2.0
7 = lens f=3.7mm/F=3.0	8 = lens f=8.0mm/F=2.0
0 = No lens	

N= No Audio

Features:

- The 10-bit A/D converter offers clean, noiseless and reliable pictures
- The unit accepts DC9~13V power sources
- 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 use 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

Ordering Information:

EM200N-N0N: 1/3" Color SONY CCD Camera, NTSC, without lens, No Audio
EM200N-N2N: 1/3" Color SONY CCD Camera, NTSC, f=2.5mm, No Audio
EM200N-N3N: 1/3" Color SONY CCD Camera, NTSC, f=3.6mm, No Audio
EM200N-N4N: 1/3" Color SONY CCD Camera, NTSC, f=4.3mm, No Audio
EM200N-N6N: 1/3" Color SONY CCD Camera, NTSC, f=6.0mm, No Audio
EM200N-N7N: 1/3" Color SONY CCD Camera, NTSC, f=3.7mm, No Audio
EM200N-N8N: 1/3" Color SONY CCD Camera, NTSC, f=8.0mm, No Audio
EM200N-P0N: 1/3" Color SONY CCD Camera, PAL, without lens, No Audio
EM200N-P2N: 1/3" Color SONY CCD Camera, PAL, f=2.5mm, No Audio
EM200N-P3N: 1/3" Color SONY CCD Camera, PAL, f=3.6mm, No Audio
EM200N-P4N: 1/3" Color SONY CCD Camera, PAL, f=4.3mm, No Audio
EM200N-P6N: 1/3" Color SONY CCD Camera, PAL, f=6.0mm, No Audio
EM200N-P7N: 1/3" Color SONY CCD Camera, PAL, f=3.7mm, No Audio
EM200N-P8N: 1/3" Color SONY CCD Camera, PAL, f=8.0mm, No Audio

Dimension:

