

Specifications

Model Name	CCD-I82A/15M	
Pick Up Device	1/3" SONY Super HAD CCD	
Total Pixels	NTSC:500(H) * 582(V)	PAL:510(H)*492(V)
Sensing area	4.9mm*3.7mm	
Scanning System	2:1 Interlaced	
Sync.System	Internal	
Resolution	420 TVLines	
Lens	6 mm	
Optic Angle	56°	
Mini Focal Distance	20cm	
AGC	Built in	
White balance	Auto	
S/N Ratio	48dB (AGC Off)	
Electronic Shutter	Auto, 1/50 (1/60) — 1/100,000sec	
Video Output	1.0Vp-p composite video, 75 Ω	
Min. Illumination	0Lux (IR ON)	
Power Source	DC12V ±10%	
Current Consumption	200mA(IR Off),400mA(IR On)	
IR LED	23 Units infrared LED(φ5mm/850nm)	
IR Distance In Effect	20m (indoor)/15m (outdoor)	
IR Illumination	3Lux	
Environmental Resistance	IP66	
Operation Temperature	-20°C ~ 50°C	
Dimension	85*55*59mm	
Weight	240g	

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USER MANUAL

CCD-I82A/15M



Before using the product, please read this manual carefully.

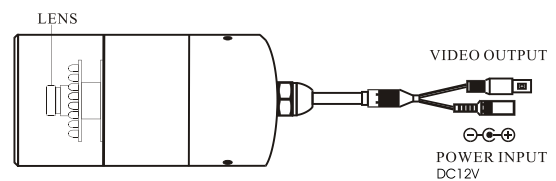
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Cautions in Installation

- Do not install the camera in extreme temperature conditions. Do use the camera under conditions where temperatures are within -20 °C ~ +50 °C .
- Do not install the camera under unstable lighting conditions. Severe lighting change or flicker can cause the camera to work improperly.
- Do not install or use the camera in an environment where the humidity is high. It can result in poor-quality image.
- Do not disassemble the camera. There are no user-serviceable parts inside it. Opening or removing the camera's cover may expose you to dangerous voltage or other hazards. Refer all servicing to qualified personnel only.
- Do not expose the camera to rain or spill beverage on it. If it gets wet, wipe it dry immediately. Liquids can contain minerals that may corrode the electronic components.
- Do not touch the imaging surface of sensor. Use a soft cloth with alcohol to clean the surface if it is touched accidentally.
- Ensure the supply voltage is correct before operation!
- Do not focus the camera on the sun directly.

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Diagram



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