

IR Day/Night Megapixel AHD Camera

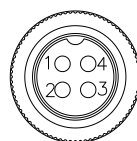
Model: **AHD100M/130M/200M-CM1**

*High resolution, 1.0/1.3/2.0 Megapixel,
720P/960P/1080P, 12VD
12 Leds, with smart IR-CUT*



Operation procedure:

1. Fix the U type bracket to ceiling by the applied mounting screw.
2. Make the camera to the suitable position.
3. Connect the 4 ways male din jack to the female jack on the cable.



- 1 --- 12VDC (+)
- 2 --- 12VDC/GND (-)
- 3 --- Audio
- 4 --- Video

Packing list:

- | | |
|--------------------|---------------------------------|
| Camera | 1 |
| Instruction Manual | 1 |
| Camera Bracket | 1 |
| Mounting screw | 2 |
| Option Lens | selectable from f2.9mm to f12mm |

Descriptions:

This is a high quality AHD (Analog High Definition) Color camera, using the latest CMOS technology, the camera can produce high definition image with little distortion.

Analog High Definition is a high video definition standard, through the coaxial cable, using the analog modulation technology to transfer progressive-scan HD Video signal. AHD system is same as traditional analog system , using common 75-3 coaxial cable to carry out as far as 500 meters HD video without any video signal loss.

Cautions:

- (a) Please do not touch the CMOS Sensor with your fingers. If necessary, use a soft cloth moistened with alcohol to wipe away the dust.
- (b) Please avoid placing or using the camera under direct sunlight, rain and high humidity environment.
- (c) Please ensure that the input voltage range is within the specifications.
- (d) Please do not place the camera in a location with a temperature exceeding 50°C.
- (e) Do not attempt to service the camera by yourself. Please refer all services to qualified Dealers.

Specifications:

Model	AHD100M-CM1	AHD130M-CM1	AHD200M-CM1
Pick up Device	1/4" CMOS Sensor AR0141	1/3" CMOS Sensor AR0130	1/2.9" CMOS Sensor IMX322
TV System	PAL/NTSC		
Picture Elements	1280(H)*720(V)	1280(H)*960(V)	1920(H)*1080(V)
Effective pixels	1.0M pixels	1.3M pixels	2.0M pixels
Day-night mode	External control (default) / Auto / color / black and white (OSD switching)		
Infrared Spectrum	850nm		
S/N Ratio	More Than 44 dB, (AGC Off)		
Auto Gain Control	Auto		
White Balance	Auto		
Electronic Shutter	AUTO/ 1/50 (1/60) -1/100,000sec		
Back Light Compensation	Auto		
Infrared LED	12 LEDs		
Infrared LED Range	10 m		
Video output	1 Vp-p, 75Ω composite ,4pin din jack/BNC x1		
Audio output	4 ways Din Jack/BNC		
Mirror	N/A		
Lens	Standard f2.1mm Fixed Megapixel Lens		
Lens Mount	M12XP0.5mm Thread		
Pan Adjusting	N/A		
Tilt Adjusting	0-90°		
Video footage to take up space	1min≈23MB	1min≈32MB	1min≈95MB
Power Supply	12V DC ±10%		
Power Consumption	160mA		
Dimensions(L x W x H)	87x50x50mm		
Net Weight	240 g		
Operating Temperature	-20°C to +50°C		

*Specifications are subject to change without prior notice.

- Input voltage exceeding the nominal rating by over +/-10% will cause abnormal operation.

Note: This camera needs to connect to MDVR or DVR that supports AHD (Analog High Definition) system.