

Specification

M202

Image Sensor 1/3" 2.0Mega Pixel CMOS	Resolution 2MP
Focal Length 2.8mm	S/N Ratio >50dB
Min. Illumination 0.1LUX/F1.2, 0LUX(when IR ON)	Electronic Shutter 1/25s~1/45,000s
Noise Reduction 2D	Day/Night Auto(ICR) / Color / White Black
IR Range up to 25m	White Balance Automatic tracking
Working Temperature -20° ~ +70°	Power DC12V±10%

Accessories list

	MODEL	NUMBER
Camera	M202	1
User Guide	M202	1

Do not attempt to disassemble the camera.
If the camera can not work, please contact local MERIVA dealer



We adopt the latest technical of sensor and driver. It owns high definition and stability features, strong anti-jamming, rich and real color. Fixing and using this model are convenient too. It is very good for you to apply to your CCTV system.

M202



2MP

AHD/TVI/CVI/960H HD Color IR Camera

Thank you for using our product.
Please read this manual carefully before using the camera. This product opts for the newest sensor, processor and the latest technology, with high resolution, good stability, rich and true color and strong anti-interference capability. It is easy to install, suitable for your closed-circuit monitoring system

• Main Features

▶ IR LED

24pcs IR LED, IR Distance: 25M

▶ Auto Electronic Shutter (AES)

With built-in AES function, the speed of camera's electronic shutter can be up to 1/45,000s

▶ Signal Mode

PAL/NTSC



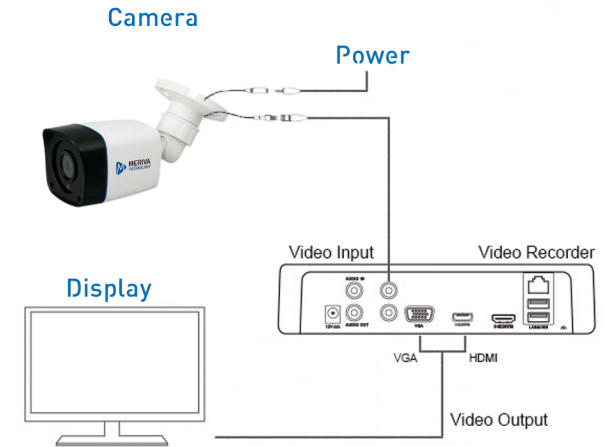
Cautions

1. Please do not install camera in the temperature too low or too high. The common operating temperature is $-20^{\circ} \sim 70^{\circ}$. Working temperature recommended is -10° to 50° .
2. Please do not install camera beside the radiator, heating equipment or high power device.
3. Make sure the matched power adapter is certified; the output voltage, current and polarity should comply with requirement of this camera.
4. In the case of thunder and lightning, please install lightning protection devices or cut off power supply.
5. For high quality image effect, the power cord and video output cable should not be too long.

• Before You Start

- (1). Please read this manual carefully, and keep it for reference.
- (2). Please make sure that the device in the package is in good condition and all the assembly parts are included.
- (3). Please make sure that all the related equipments are power-off during the installation.
- (4). Please check the specification of environment for cameras' installation.
- (5). Please check whether the power supply is matched with your AC outlet to avoid damage.
- (6). If the product does not function properly, please contact your dealer. Do not disassemble the camera for repair or maintenance by yourself. (You shall bear responsibilities yourself in case of unauthorized modification or maintenance problems.)
- (7). Please make sure that the wall or the ceiling is strong enough to withstand the weight of the camera for 3 times.

• Device connection



• Troubleshooting

If there are problems in operation, please refer to the items as below. If the problem can't be solved, please contact the dealer which you bought from:

1. Nothing appears on the screen

- Please check the power connection
- Please check the video signal line connection
- Please check the connection of other related device

2. The video image is not clear

- Please check if the surface of the lens is clean
- Please check if the lens is defocus
- Please check if the surface of glass is clean
- Please make sure the screen is not exposed directly to bright light
- Please check if wiring is correct or there is a high impedance

3. The screen is dark

- Please adjust the contrast feature of the monitor
- Please check if voltage is unsteady

4. The camera surface is too hot and there are black stripes appear on the screen

- Please check if the correct power supply was used and if the voltage keeps changing

5. The screen is flickering

- Please check if the camera is facing sunlight or fluorescent light directly
- Please check if an auto iris lens is being used
- Please check the connection of the lens and connector cables