



Megapixel Full HD IR Network Camera

User Manual

Quality

Service

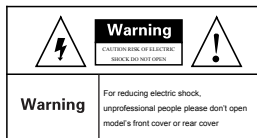
Competitiveness



In case of fire or lightning, pls don't put product in damp and raining place, operate or maintain according to the user manual.



Be careful when you see attachment with a Dangerous Voltage which will cause serious voltage accident.

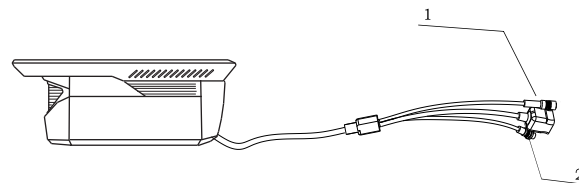
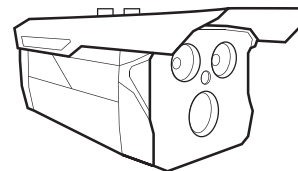


Warning

In case of electric shock and fire, pls don't use power supply exceeding user manual

Notice: 1. Ensure your equity, pls read the user manual carefully before you use the product

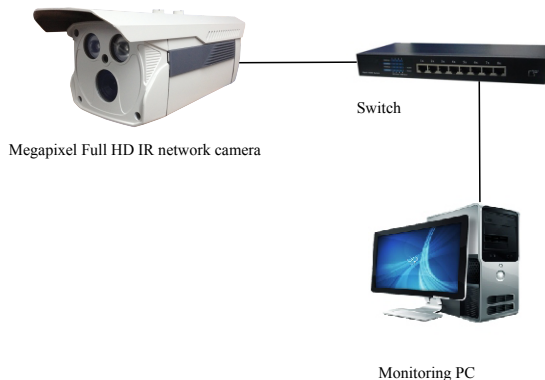
2. Pls contact eligible people if you need install and maintain the product
3. Input voltage of this model is DC 12V
4. Working Environment: temperature of $-10^{\circ}\text{C}\sim+60^{\circ}\text{C}$, relative humidity under 85%
5. Pls don't exceed the user manual's standard range of temperature, humidity and voltage.



1. DC interface
2. RJ45 interface

■ External power supply and camera hardware connection

Connect 12V 1A power supply with power interface, plug network wire, wait for about 2 minutes, machine start-up successful.



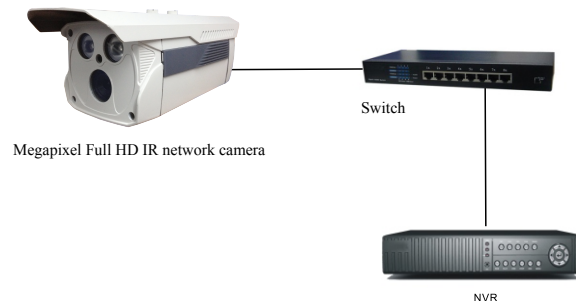
■ Setting instruction when camera connect with PC

- IE view: Enter camera's IP address in IE's address bar, install control, then you can view image
- Preview in IPC client: Install client software, click "settings" in software GUI, choose megapixels HD camera, click "search" button in "network setting", software will automatically search the cameras in Intranet, and show the cameras' IP address in "searched IP cameras", double click the IP address, it will automatically append IP to the form of "connected IP camera", without appending cameras, the GUI can't preview image, click enter, log out preview UI, camera image will be showed on GUI in 3-5 seconds.

PS: If there is no image, pls disconnect the firewall in system control panel

Camera's default IP: 192.168.1.88. User name:

admin Password: (No password)



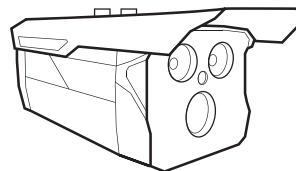
■ Camera connect with NVR

Click "parameter setting" button in NVR software GUI, enter IPC setting UI, click "search" button, system will automatically search cameras in intranet and show the cameras' IP address in the form, double click the IP address, it will automatically append IP to the form of "connected IP camera", without appending cameras, the GUI can't preview image, click enter, camera image will be showed on GUI.



Product Features

- Adapted for High-contrast Lighting Conditions;
- 1.3 Mega pixel Aptina CMOS;
- WDR Day/Night(ICR), AGC, BLC;
- PoE (optional);
- Free DDNS setting



System

- . CPU: Hic3518A
- . Flash: 8MB
- . RAM: 128/256MB
- . Embedded OS: Linux 3.0

Lens

- . Board lens, vari-focal, $f = 3 \sim 9$ mm, F1.2 (wide), F2.1 (tele), auto-iris
- . Removable IR-cut filter for day & night function

Field of View

- . $25^{\circ} \sim 92^{\circ}$ (focus length 3.6 4 6 8 12mm)

Shutter Time

- 1280x720 @ 50Hz
- 1280x720 @ 60Hz

Image Sensor

- . 1/3. CMOS sensor in 1280x720 / 1280x960 resolution

Minimum Illumination

- . 0.08 Lux @ F1.2 (Color)
- . 0.001 Lux @ F1.2 (B/W)

IR Illuminators

- . Built-in IR illuminators, effective up to 20-50 meters
- . LED IR Array LED Array

Multiple simultaneous streams

- . Compression: H.264, JPEG
- . Streaming:
 - H.264 streaming over, TCP, HTTP or HTTPS
 - H.264/MPEG-4 multicast streaming
- . Supports activity adaptive streaming for dynamic frame rate control
- . Supports video cropping for bandwidth saving
- . Supports 3GPP mobile surveillance
- . Frame rates: H.264 Up to
 - 30 fps at 1280x720
 - 30 fps at 640x480
 - 30 fps at 320x240

Image Settings

- . Adjustable image size, quality and bit rate
- . Time stamp and text caption overlay
- . Configurable brightness, contrast, saturation, , white balance and exposure
- . AGC, AWB, AES
- . WDR enhanced
- . Automatic, manual or scheduled day/night mode
- . BLC (Backlight Compensation)
- . Supports watermark

Networking

- . 10/100 Mbps Ethernet, RJ-45
- . Onvif 2.0 support
- . Protocols:
 - IPv4, IPv6, TCP/IP, IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDN PPPoE, CoS, QoS, SNMP, and 802.1X

Security

- . Multi-level user access with password

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- . protection IP address filtering
- . HTTPS encrypted data transmission
- . 802.1X port-based authentication for network protection

Users

- . Live viewing for up to 5 clients Dimension
- . Camera: 190*90*80mm Weight
- . Net: 1.3kgs

LED Indicator

- . System power and status indicator
- . System activity and network link indicator

Power

- . 12V DC
- . 24V AC
- . Power consumption: Max. 9.6 W
- . 802.3af compliant Power-over-Ethernet (optional)

Housing

- . Weather-proof IP66-rated housing

Approvals

- . CE, FCC

Operating Environments

- . Temperature: -10 °C ~ 55 °C
- . Humidity: 10~85 % RH

Applications

- . OS: Microsoft Windows 7/Vista/XP/2000
- . Browser: Mozilla Firefox, Internet Explorer 7.x or above
- . Cell phone: 3GPP player
- . Real Player: 10.5 or above
- . Quick Time: 6.5 or above

Camera parameter

Applications

- . SDK available for application development and system integration

Warranty

- . 12 months