



**SHENZHEN RISE ELECTRONIC CO., LTD.**

Website: <http://www.ideacamera.com> Email: [cctv@ideacamera.com](mailto:cctv@ideacamera.com)

Global Sources Homepage Address: <http://www.globalsources.com/ideacamera.co>

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**2MP Smart Wifi IP Camera, 4X Auto focus motorized Lens 2.8-8mm, Lightning connect, One key setting to WIFI, Day&Night in Color Vision, Outdoor Use, Camhi APP Cloud, 128G micro SD Card, With Standard Bracket, With Power Adapter.**

**Model: WIP-90BA4-2MP-AF2808**



### **Key Specifications/Special Features:**

1080p full HD, 4X Auto focus motorized 2.8-8mm Lens

Sharp image 1920x1080p video at 30fps

Extremely fluent live stream

Support recording and playback via microSD card (e.g. 128GB) over 20 days motion detection recording at mainstream 1920x1080p resolution, ONVIF compatible NVR

Waterproof outdoor camera

Waterproof degree up to IP66

Made of aluminum extremely durable and would not rust

Even in the terrible weather, it can keep durable and stable operation

Sharp night vision: with 4 array infrared LED, night vision up to 20meters. 2pcs IR LEDs, 2pcs is white Light LEDs, make sure all day is color vision.

Support ONVIF 2.4, P2P, Email Alarm, UPNP port.

Support Static IP and Dynamic IP (DHCP)

Support 6 User to login in the same time.

Long distance makes you see further and clearer also enables high quality of day and night surveillance

Easy setup: true Plug-and-play camera

Easy to quick install, download the camhi app to your iOS/Android smartphone, scan the QR code from camera then startup download the IP add search tool from our webpage.



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Excellent compatibility: supports iOS/Android mobile devices app, Windows PC and Apple Mac Software and web browsers (IE, Firefox, Safari, Chrome supported)

Please note: this is 2.4GHz supported camera and it does not support 5GHz networks

Kindly refer the instructional video and the user's manual before use

Easy Wi-Fi setup

1. Plug the camera into the router
2. Download the camhi cloud app and install it on your phone
3. Scan the QR code from camera then startup
4. Enjoy live monitoring video anytime anywhere

Note: you can search camhi app on Google Play or App Store to get the app

If the Wi-Fi setup is failed, check by this

Log on internet via IP add search tool (the print user's manual guide to download) then set up the Wi-Fi

1. SSID and password are correct with the router?
2. Safe mode is the same as Wi-Fi router, WPA-PSK, WPA2-PSK or mix WPA/WPA2 - PSK
3. Password is not including the special character which is not found on keyboard

Note: we highly suggest using these cameras with an Android or Apple device

Setup is much simpler and there is less technical knowledge necessary than if you are trying to use it through a computer

Due to the many different variations in routers and hardware/software when setting up via a computer, we do not currently offer supports with setting the cameras up via the computer

We will refer you back to the quick start guide

Easy scan QR code setup

This camera is simple to setup your iPhone or Android device

Free downloadable apps and the QR code on the bottom of the camera, setup takes just seconds

Simply download the app, plug-in your camera, scan the QR code during camera setup and you are good to go.

### Specifications

Item	WIP-90BA4-2MP-AF2808	
Image sensor	Image sensor	1/2.9" color SONY323 CMOS sensor
	DSP	HI 3518EV200
	Display resolution	1080p full HD MP
	Lens	4X Auto focus motorized lens 2.8-8mm
	Minimum illumination	0.1lux
Lens	Lens type	Glass lens

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	Viewing angle	65 degrees
Video	Image compression	H.264
	Audio Compression	G.726/G.711
	Compression transmit Stream	32Kbps-6144bps, Customized, Default 1536Kbps
	Image frame rate	Main stream: 1080P (1920x1080)、720P (1280x720) Sub stream: Q720P (640x352)、QQ720P (320x176) Third stream: Q720P (640x352)、QQ720P(320x176)
	Resolution	1080p (1920 x 1080), VGA (640 x 480), QVGA (320 x 240)
	Flip mirror images	Vertical/horizontal
	Light frequency	50-60Hz or outdoor
	Video parameters	Brightness, contrast
Communication	Ethernet	One 10/100Mbps RJ-45
	4G	4G Optional
	Storage	Support TF Card, Max 128G micro SD Card, support preset recording
	Motion detection	Support preset 4 stand detection area
	Alarm Detection	Alarm will send the capture photo to the Email address, and upload the capture photo to FTP service.
	Support protocol	TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
	Wireless standard	IEEE 802.11b/g/n
	Wireless security	WEP/WPA/WPA2 encryption
Physical	Compatible	ONVIF 2.4
	Infrared light	4pieces Array IR LED, 2pcs IR leds, 2pcs is white Light
Power	Power supply	DC12V 1AA (EU, US, AU adapter or other types optional)
	Power consumption	12W (maximum)
Certifications	CE, FCC	
Warranty	Limited 3-year warranty	