

BW-CAM-IP5MP21B

5 MP NETWORK CAMERA MANUAL

1. Main Features

- 5Mp Image Sensor
- Compress Format: H264/MJPEG
- Support Onvif
- Ingress Rating: IP 66
- Built in SD micro slot
- POE Cable
- Corridor Mode
- HTML5 H.264 Streaming Support
- 3.6MM Fixed Lens

**2. Outside View**

Unit: MM

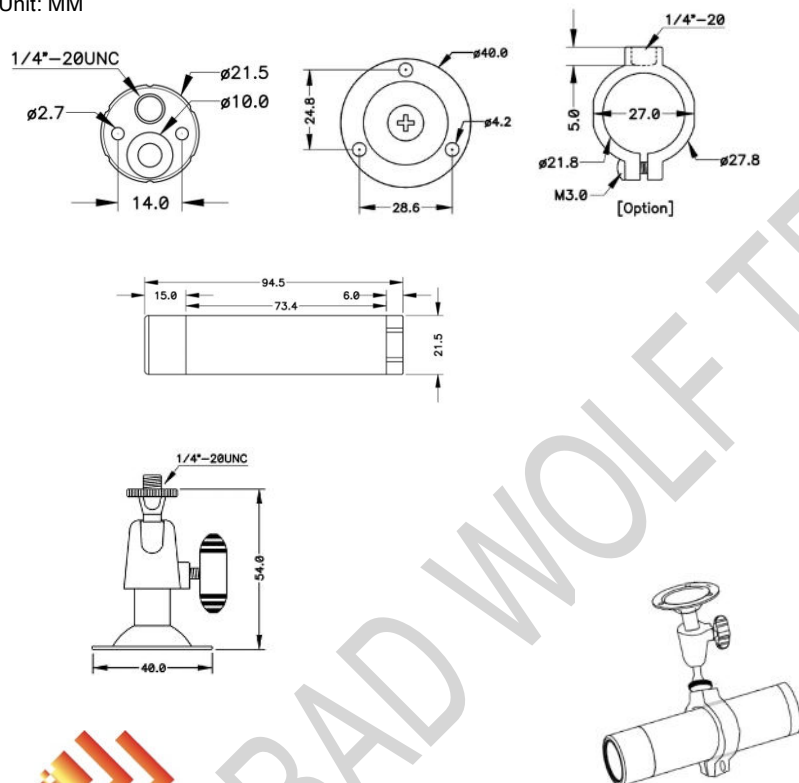
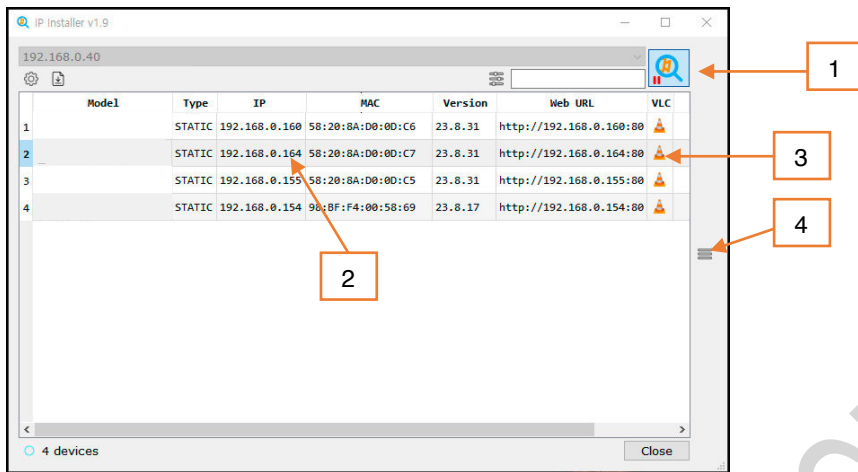
**3. Product Specifications**

Image Sensor	Image Sensor	1/2.7 Omnivision PureCel® CMOS
	Size	1/2.7 inch
Camera Web Control	Scan Method	Progressive Scan
	Active Pixels	2688(H) x 1944 (V), 5 Mega Pixels
	Video Streaming	NTSC / PAL
	Exposure Shutter Speed	AUTO / Manual (1/30 ~ 1/30.000)
	Exposure Compensation	EV+4 ~ EV-4
	AGC	0~255 Steps
	Sens-up	OFF .x2.x4
	Low Illumination	0.15Lux
	Day & Night	AUTO / Day / Night / CDS / Schedule
	Digital Noise Reduction	3DNR
	Backlight Comp.	BLC / D-WDR
	Motion Detection	OFF / ON
	Image Adjust	Brightness / Contrast / Sharpness / Gamma / Defog
	Digital Effect	OFF / MIRROR / V-FLIP / ROTATE
	Corridor Mode	90° / 270°
	Privacy Area	4zone, Off / On
	White Balance	Auto / Manual
System	OSD Display	Text, Time, On / Off
	D-ZOOM	Smart D-Zoom
	Language	ENG / KOR / JAP / GER
	OS	Embedded Linux
Network	Compression Format	H.264 / MJPEG
	Bitrate Control Method	CBR / VBR
	Interface (Ethernet)	POE Splitter
	Protocol	TCP/IP, HTTP, HTTPS (Https Certificates available), RTP/RTSP, UDP, DHCP, FTP, NTP, ARP, ICMP
	Resolution	Mainstream 1: 2592x1944, 2560x1440 2048x1536, 2304x1296, 1920x1080, 1280x720 Substream 2: 640x480, 640x360 Substream 3: 320x240
	Maximum Frame Rate	30fps @all resolution
	Onvif	ONVIF (Profile S.T)
	Web Browser	Chrome, Edge, Firefox, Opera (HTML 5 H.264 Streaming Support)
	Lens	Focal Length F=3.6mm
	Audio	Microphone Audio Compression Power
General	Power	IEEE 802.3af , 12VDC Max. 150mA
	Operating Conditions	Temperature: - 20°C ~ +50°C
	Storage Conditions	Temperature: -30°C ~ +60°C
Default IP		192.168.1.100
IP Cam Installer		ID: admin , P/W: admin https://tinyurl.com/4f2sphks

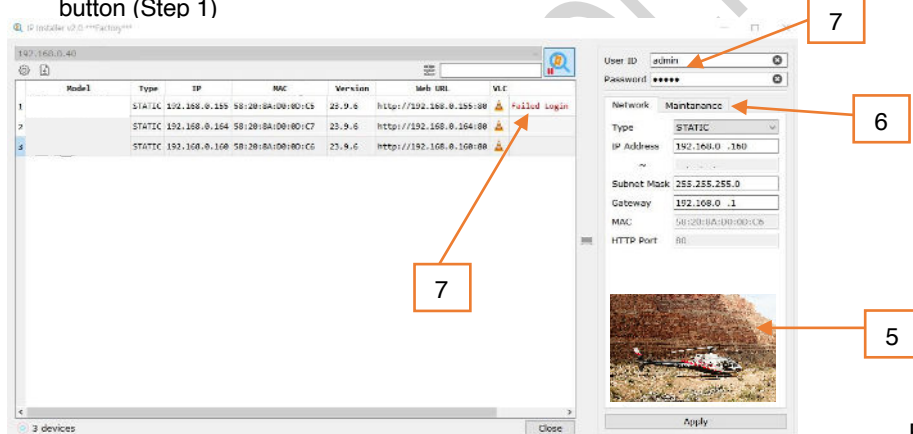
4. Using Device Search: Step by Step

If a camera is connected to the same network of the PC where device manager is installed, user can find network camera by using search function.

- 1) Click the start button at the IP camera search.
- 2) Choose the camera.
- 3) User can watch videos via RTSP by connecting to VLC media player.
- 4) If user clicks number 3, the SUB window will be activated and user can edit network information. To edit network information, activate the SUB window and enter ID and Password.

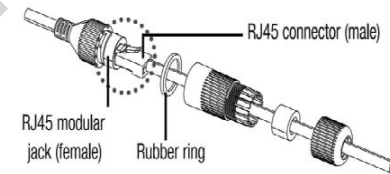


- 5) When user selects a searched camera, a snapshot video will appear on the bottom right.
- 6) User can edit and run network or maintenance.
 - _Network (STATIC/ DHCP, IP Address, Subnet Mask, Gateway)
 - _Maintenance (Upgrade, Reboot, Factory Default (except network), Date/Time).
- 7) If the camera, IP installer, ID, and password do not match, login failure will be displayed in red.
 - _Enter the camera ID and password into the IP installer and click the search button (Step 1)



5. Hardware Installation

1. Connect the camera to the network using a UTP cable (CAT.5), power can be supplied via the network cable (PoE).
2. Connect DC 12V to the power terminal. This is not necessary if the network camera is connected to a PoE hub or midspan.
3. Check the indicator LEDs indicates the correct conditions
4. Connect the RJ45 modular jack (female) to the RJ45 connector (male).



6. Package Contents

