DIB-F1H1-8(P)

IP MINI BULLET CAMERA

WDR CAMERA **IP CAMERA**

Main Features

- 1/2.8" 2.9μm Pixel Progressive Sony Starvis CMOS Sensor
- 2 Mega Pixels – Maximum 1080p (1920x1080)
- Fixed Board Lens (f=8mm)
- WDR, DSS(Sens-up), 3DNR Supported
- Onvif Ver. 17.06 Compatible
- Supported Video Codec: H.264, MJPEG
- Built-in POE Cable
- Bullet Miniature Water-proof Housing(19Ø)

1/2.8" CMOS | 1080P 2.1M Pixel | 0.1Lux | 0.003Lux | IP66

Dimension

Option

- Lens (Fixed)
  f=3.6mm, 4mm, 6mm
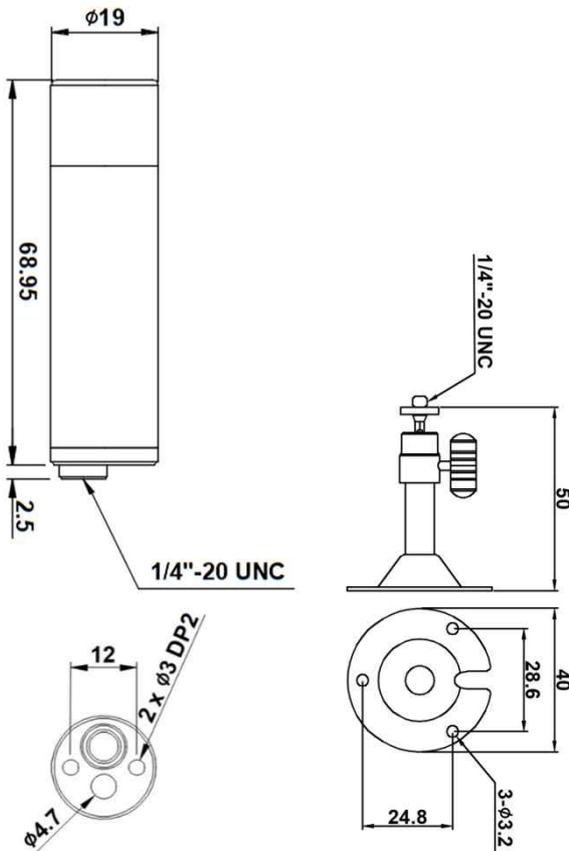
Specifications

Model	DIB-F1H1-8	DIB-F1H1-8P
Signal System	IP (Network) – RTOS	
Pickup Device	**1/2.8"(D-6.46mm) 2.12M Sony CMOS Sensor**	
Scanning System	Progressive Scan (16:9)	
Sync. System	Internal	
Total Pixels	2.16MP [1,945(H)x1,109(V)]	
Active Pixels	2.12MP [1,937(H)x1,097(V)]	
Min. Illumination	0.1Lux, 0.003Lux (DSS on)	
Mechanical ICR	N/A	
Video Out (RJ45)	**Up to 30fps @ 1920x1080p** (1920x1080, 1280x720, 800x600, 704x480, 704x400, 640x480, 640x360, 320x240)	
Lens	**Fixed f=8.0mm board type, F2.0**	
Lens (Mount)	Board Mount(M12)	
Angle of View	43.5˚(D), 36.5˚(H), 21˚(V)	
OSD	Via Webpage Viewer	
Camera Title	Off, On(Max. 8 Characters)	
Language	English	
White Balance	AUTO, AUTOext, Preset, Manual	
WDR	Off, On(Low, Middle, High) - 15(12) or 30(25) Output WDR can't work together with 3D-NR	
Day & Night Mode	Auto, Color, B&W	
Electronic Shutter	1/25(30)~1/30,000sec	
Noise Reduction	Off, On(Low, Middle, High) - 30(25) or 60(50) Output DNR can't work together with WDR	
DSS(Sens-up)	**X32**	
Mirror	Off, On(Mirror, Flip)	
Other Features	Motion Detection(4 Zones), Privacy Mask(8 Zones), Defog. Gamma Etc.	
Network Protocol	TCP/IP, UDP/IP, RTP, RTSP, RTCP, NTP, HTTP DHCP, FTP, SMTP, DNS, DDNS Onvif 17.06 Compatible	
At-a-time Access	Maximum 3 users	
Video Codec	H.264, MJPEG (Duplex Streaming)	
Sensor In/Alarm Out	N/A	
Audio Line In/Out	N/A	
Power Source	DC12V	**DC12V / POE**
Power Consumption	Less than 1.6 Watts (130mA)	
Operating Temp.	-10℃ ～55℃ (Humidity :0%RH ～ 90%RH)	
Size (mm)	**19Ø (Bullet Diameter) x 71.45(L)**	
Weight	120 g (Gift-box packing)	148 g (Gift-box packing)

IP MINI BULLET CAMERA

• **IP camera connection**

Connect LAN cable to RJ45 jack of camera

Connect the other end LAN cable to RJ45 jack of router or hub

If you are not using POE switcher to provide the power to the IP camera, connect regulated a DC12V power adaptor to the IP camera.

Wait for about 30 seconds until the camera initialization is completed

Factory Default IP address is **192.168.1.30**

Factory Default ID & Password are **admin / admin.**

• **Using IP Cam Search**

You can simply change the IP address by using 'IP Cam Search' provided.

Run IP Cam Search as administrator. Click "START" button when the IP camera is connected to your PC or network, all IP address will appear. This program can be downloaded from the SUPPORT section of our web site at www.parantek.com.
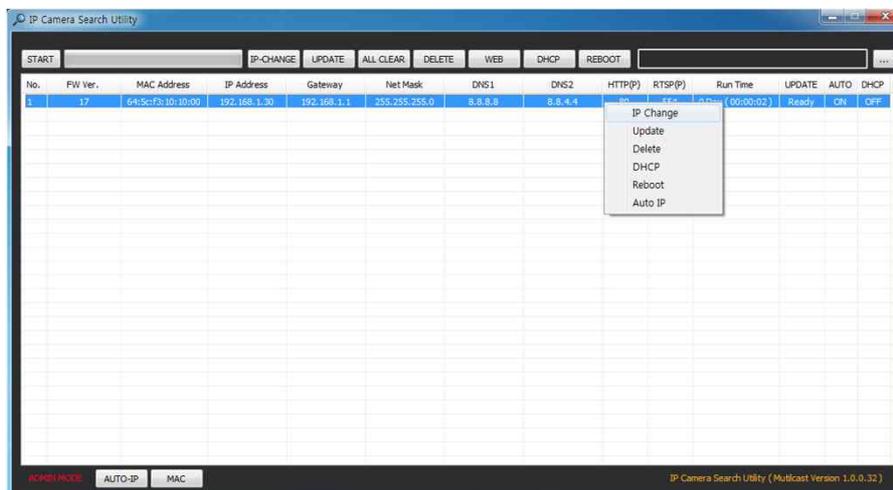
Choose & change the IP address of camera you want to change and click "IP change"
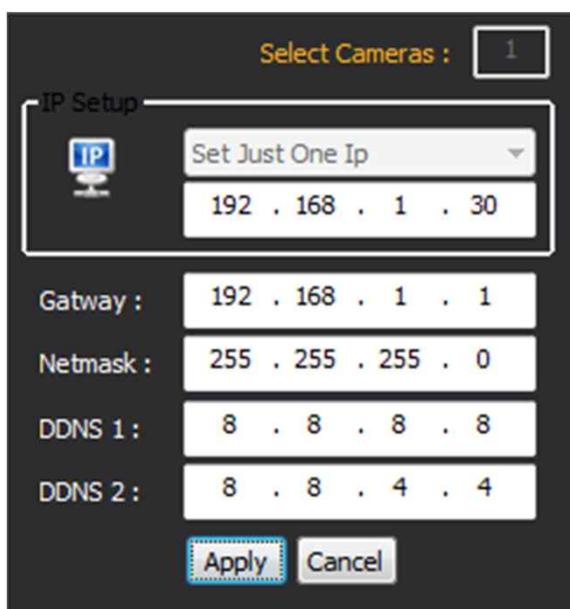
After click the "IP Change" button left window will be appeared. Once you click "Apply" button, the camera will reboot for 10second.

After reboot the camera, the changed IP address will be applied and appeared.

• **Checking Video by Web Viewer**

Run web browser and Input the IP address which taken from IP Search.

• **Supported O/S & Web Browser**

- O/S : Windows7, 8, 10, MAC
- Browser : Internet Explorer 11 or higher, Chrome , Firefox, Safari, Opera

Cable Connection Interface

DIB-F1H1-8
* The camera body is water-proofed.
* With DIB-F1H1, RJ45 & DC-jack connectors can be weather-proofed when fully connected.

① RJ45 SOCKET

GND — DC12V ②

Ø4.5

600±20
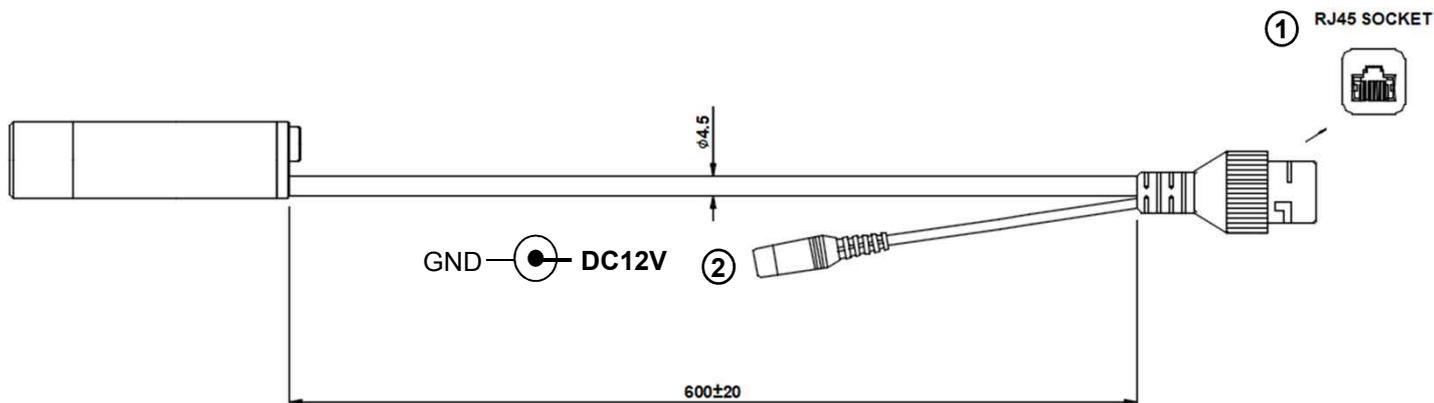
	Function	I/O	Note	Remarks
①	VIDEO	OUT	H.264 video output	Non-POE
②	POWER	IN	Camera power input	DC12V

Water-proof RJ45 Connector/Cable Connection

Water-proof RJ45 Accessory Package
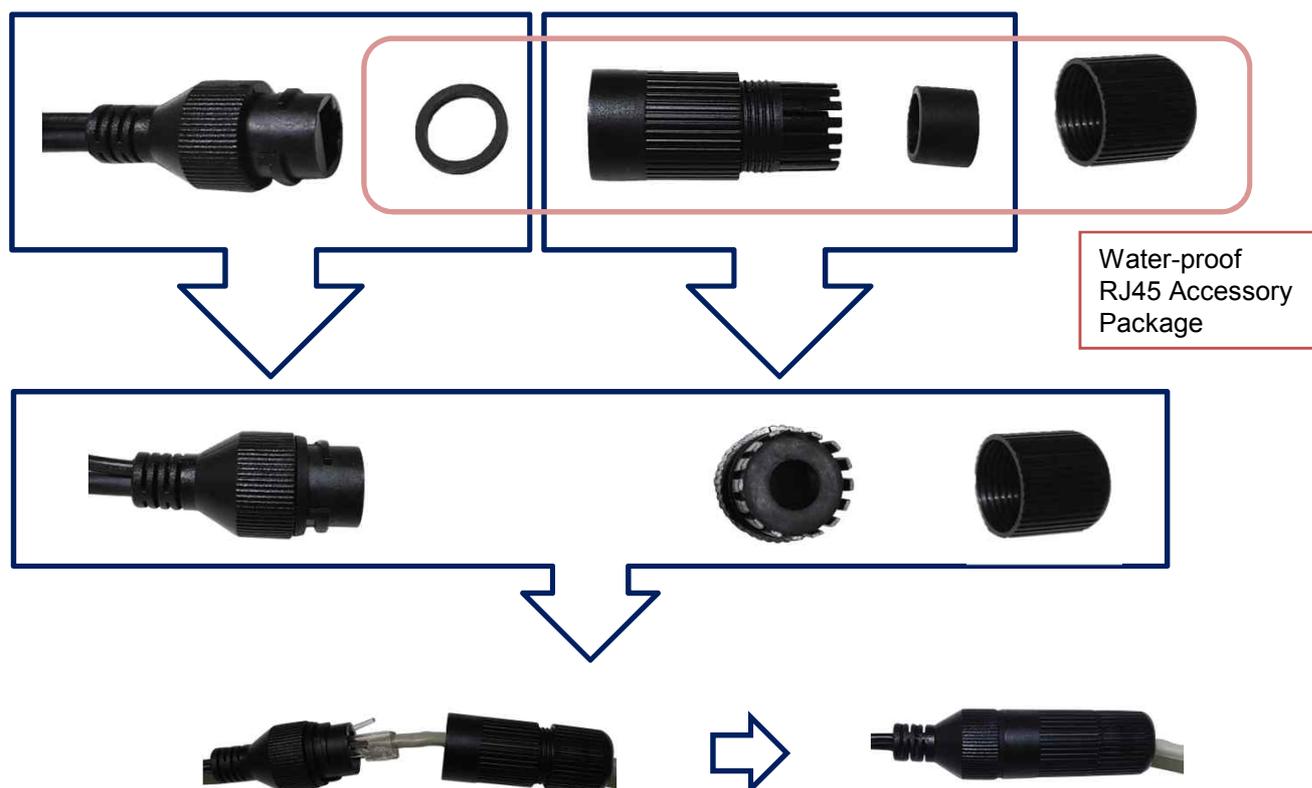
Cable Connection Interface

DIB-F1H1-8P   ** The camera body is water-proofed but the POE cable for DIB-F1H1-P is not.*

GND ●—● **DC12V**   ①
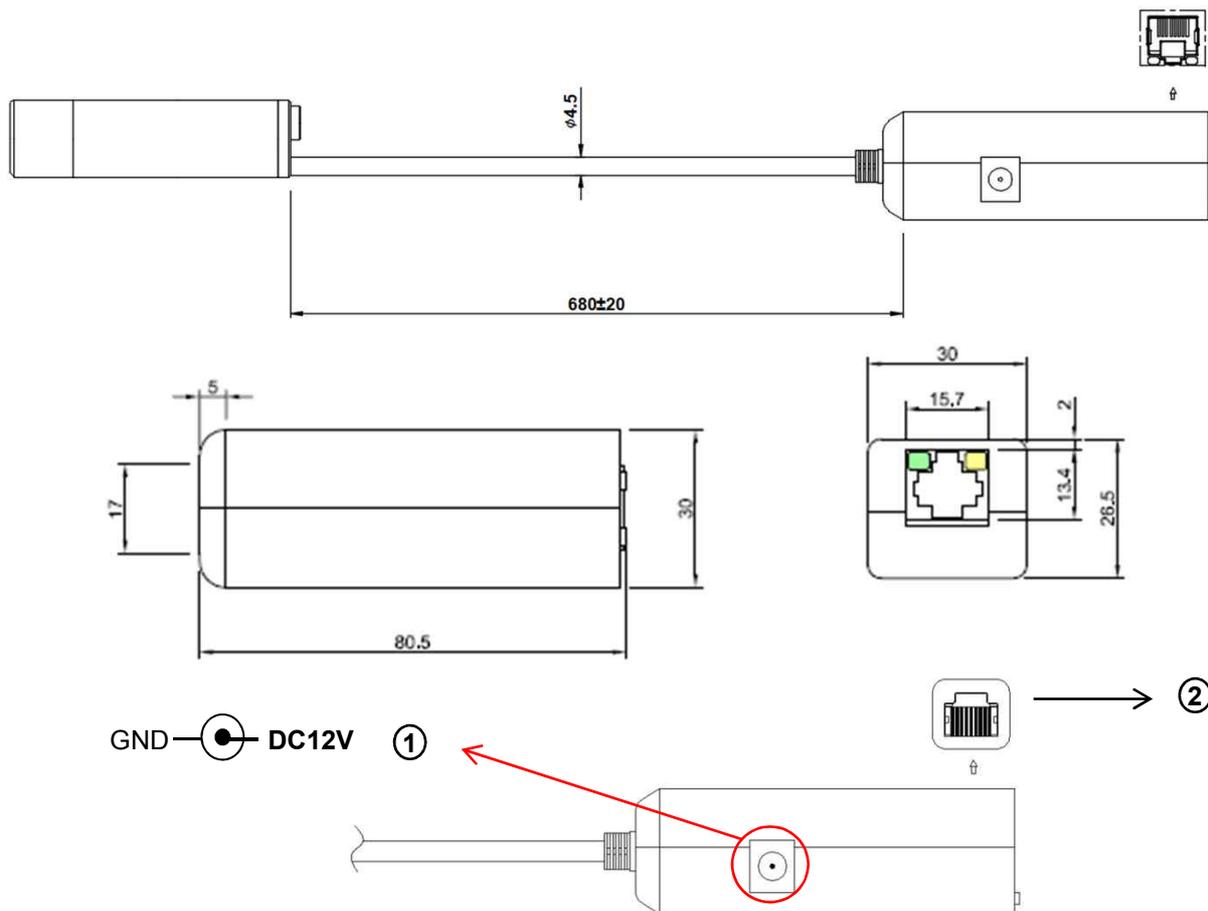
	Function	I/O	Note	Remarks
①	POWER	IN	Camera power input (Not required when POE works)	DC12V
②	VIDEO/POE	OUT/IN	H.264 video output, Power over Ethernet	POE