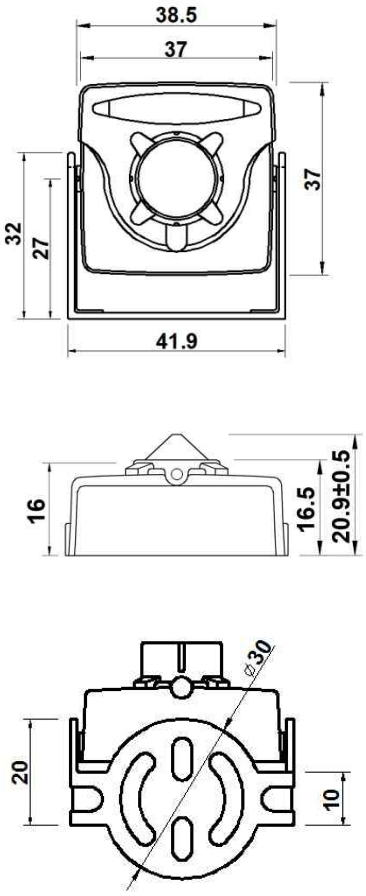
DIM-P1K0A-4.3(P/P2)

IP MINI-BOX CAMERA

Main Features

- 1/2.8" 2.9μm Pixel Progressive Sony Starvis CMOS Sensor
- 2 Mega Pixels – Maximum 1080p (1920x1080)
- Pinhole Board Lens
- WDR, DSS(Sens-up), 3DNR Supported
- Built-in Mircorphone
- Onvif Ver. 17.06 Compatible
- Supported Video Codec: H.264, MJPEG
- Box Miniature Housing(37x37) with U type swivel bracket

Dimension



Option

- Lens (f=2.5mm, 3.7mm)

Specifications

Model	DIM-P1K0A-4.3	DIM-P1K0A-4.3P / P2
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	**Pinhole f=4.3mm Super-cone type, F2.0**	
Lens (Mount)	Board type (M12)	
Angle of View	82˚(D), 69˚(H), 39˚(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 or DSS	
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 or DSS	
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	**Yes (C-Microphone Built-in)**	
Power Source	DC12V	**DIM-P1K0A-4.3P: DC12V / POE** **DIM-P1K0A-4.3P2: POE only**
Power Consumption	Less than 1.6 Watts (130mA)	
Operating Temp.	-10℃ ~55℃ (Humidity :0%RH ~ 90%RH)	
Size (mm)	37(W) x 37(D) (without Bracket)	
Weight	105 g (Giftbox Packing)	124 g (Giftbox Packing)

IP MINI-BOX 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

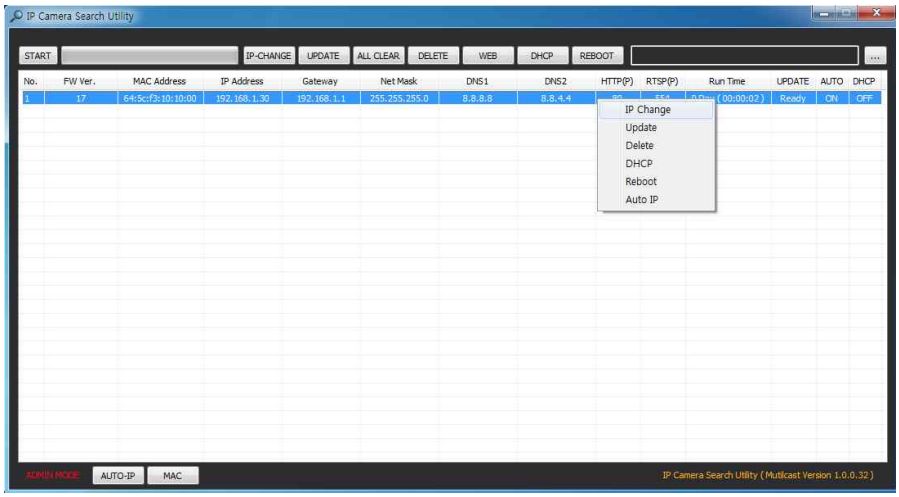
Factory Default IP address is **192.168.1.30**

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

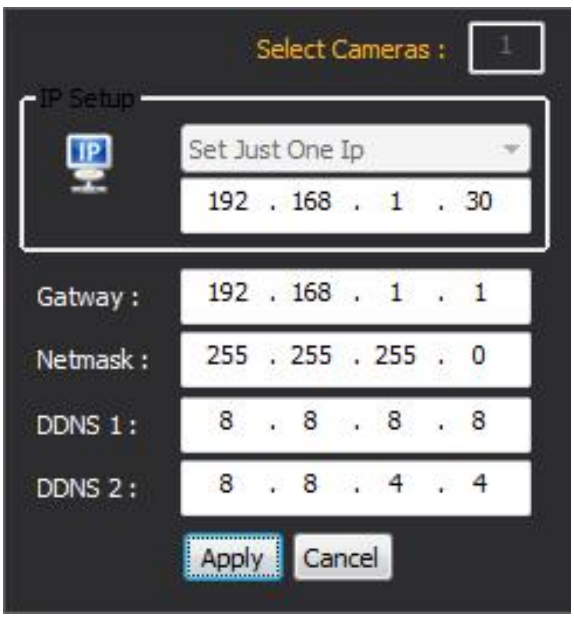
• Using IP Cam Search

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.

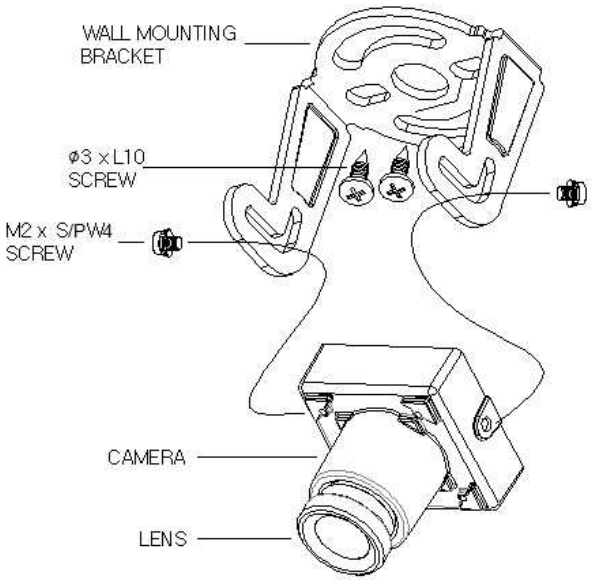
• Checking Video by Web Viewer

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

Camera Mounting Instruction



- There are three(3) of each Ø3xL10 screw and M2xS/PW4 screw together with a swivel bracket in the accessory package.
- Please use two(2) of the screws as shown left. We are providing one of each extra screw in the package.
- If you do not use M2xS/PW4 screws provided, it can **damage** the camera board inside housing. Such the damage will be your responsibility.

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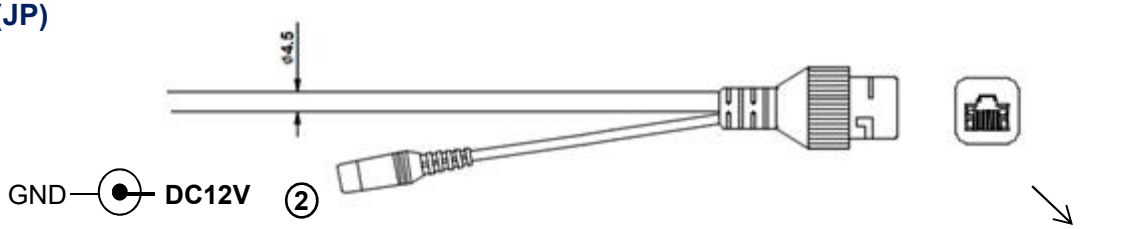
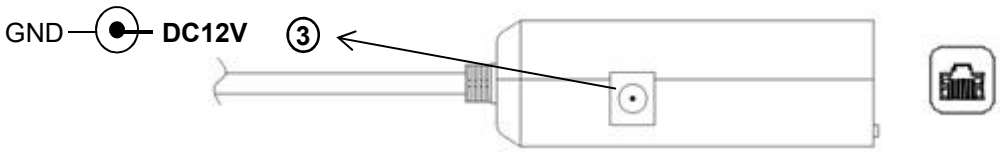
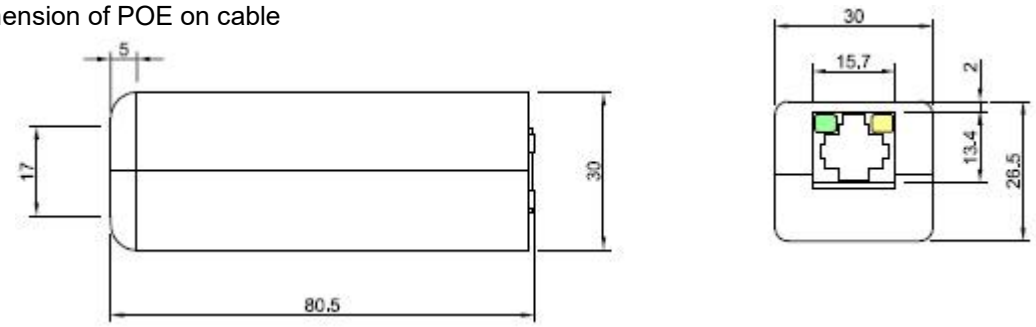


DIM-P1K0A-4.3P(JP)



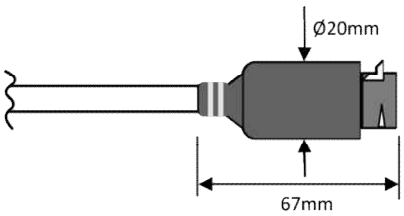
Dimension of POE on cable



	Function	I/O	Note	Remarks
①	VIDEO/POE/CONTROL	IN/OUT	H.264 video output, Power over Ethernet, Control (RJ45)	
②	POWER	IN	Camera power input (Required all the time)	DC12V
③	POWER	IN	Camera power input (Not required when POE works)	DC12V

Cable Connection Interface

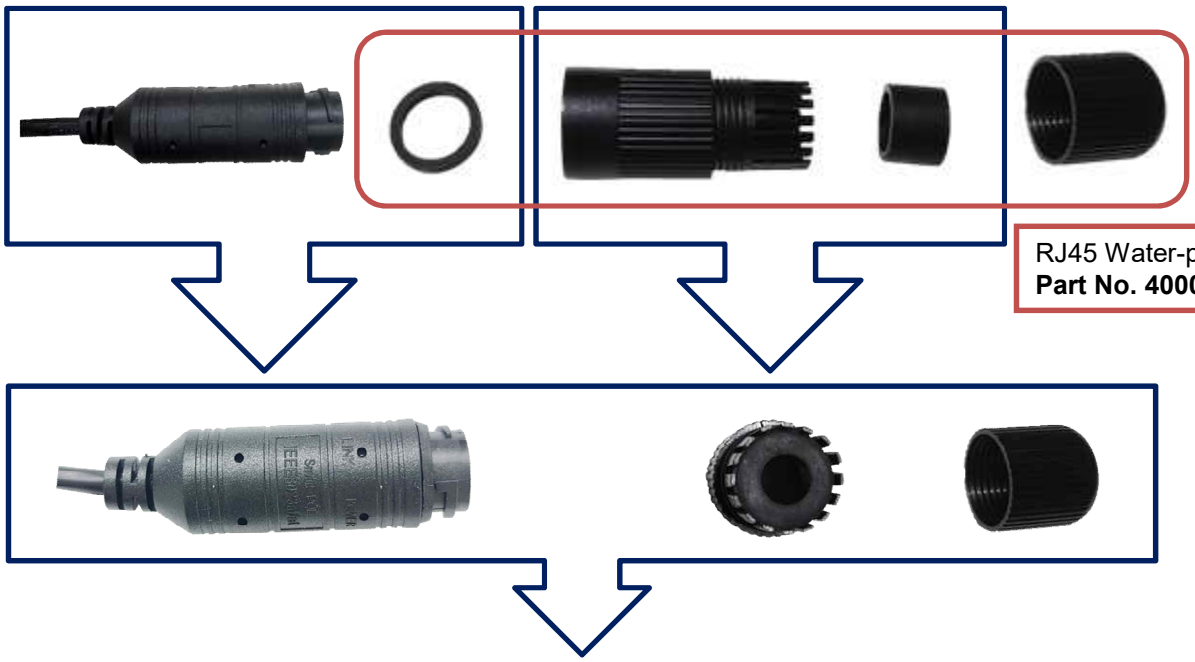
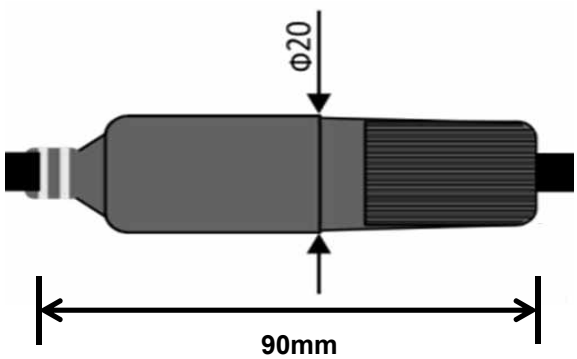
DIM-F1K0A-4.3P2



①

	Function	I/O	Note	Remarks
①	VIDEO/POE/CONTROL	IN/OUT	H.264 video output, Power over Ethernet, Control (RJ45)	

Water-proof RJ45 Connector/Cable Connection



RJ45 Water-proof Cap
Part No. 4000067