



- 1/3" 3Megapixel progressive scan Aptina CMOS
- H.264 & MJPEG dual-stream encoding
- Max 20fps@3M(2048x 1536)&25/30fps@1080P(1920x 1080)
- DWDR, Day/Night(ICR), 3DNR, Auto iris, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.7 ~ 12mm varifocal lens (HFW5300C)
- 3 ~ 9mm varifocal motorized lens (HFW5302C)
- Built-in 2/1 alarm in/out
- Max. IR LEDs length 30m
- Micro SD memory, IP66, PoE

## General Specifications

<b>Model</b>	<b>IPWPB-3MPVFIRG2</b>
<b>Camera</b>	
Image Sensor	1/3" 3Megapixel Aptina CMOS
Effective Pixels	2048(H)x1536(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3~1/10000s
Min. Illumination	Color: 0.01Lux/F1.2, 0Lux/F1.2(IR on)
S/N Ratio	More than 50dB
Video Output	1 channel, BNC(1.0Vp-p/75Ω)
<b>Camera Features</b>	
Max. IR LEDs Length	30m
Day/Night	Auto(ICR)/Color/B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas

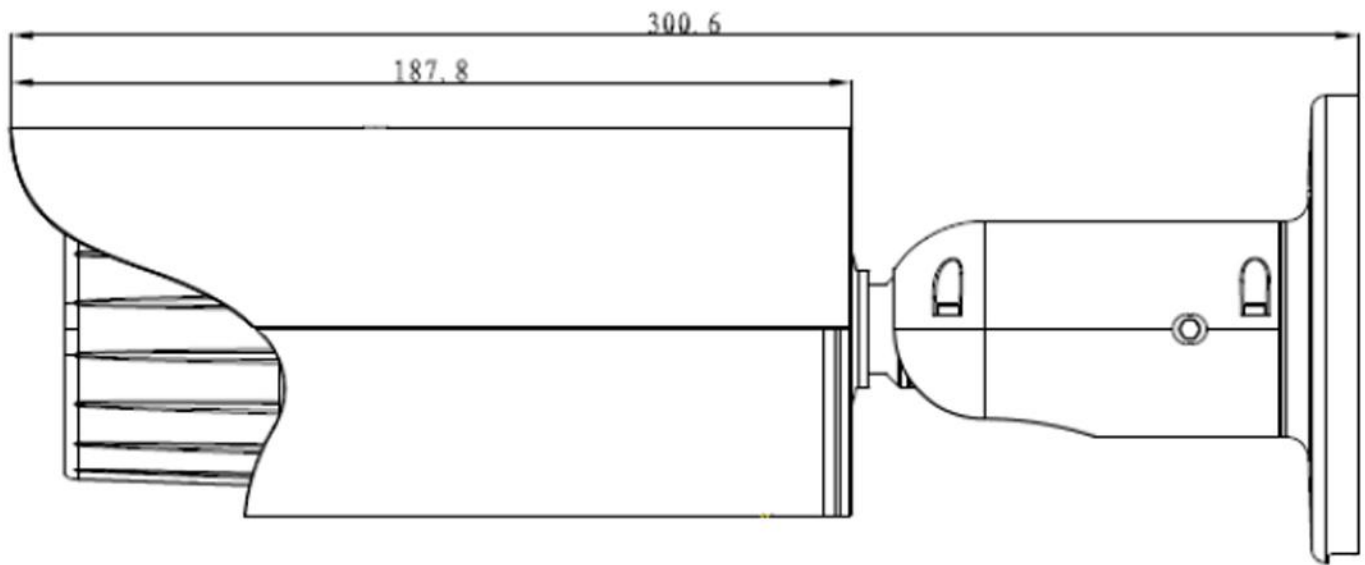


<b>Lens</b>	
Focal Length	2.7~12mm      3~9mm motorized
Max Aperture	F1.4
Focus Control	Manual      Auto
Angle of View	H: 82°(Wide)~ 25°(Tele)      H: 86.5°(Wide)~ 28.6°(Tele)
Lens Type	Manual/Auto Iris(DC)      Motorized /Auto Iris(DC)
Mount Type	Board-in Type
<b>Video</b>	
Compression	H.264 / MJPEG
Resolution	3M(2048×1536)/1080P(1920×1080) / 720P(1280×720) / D1(704×576) / CIF(352×288) /
Frame Rate	Main Stream      3M(1~20fps)/1080P/720P(1 ~ 25/30fps)
	Sub Stream      D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 32K ~ 8192Kbps
<b>Audio</b>	
Compression	G.711a / G.711u/ PCM
Interface	1/1 channel In/Out
<b>Network</b>	
Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	N/A
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF Profile S
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
<b>Auxiliary Interface</b>	
Memory Slot	Micro SD, Max 64GB
RS485	N/A
Alarm	2/1 channel In/Out
PIR Sensor Range	N/A



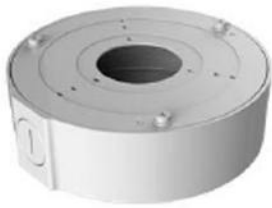
General	
Power Supply	DC12V(AC 24V optional), PoE(802.3af)
Power Consumption	< 7W (-H: +2W, Motorized lens: +2W,AC24V:+2W)
Working Environment	-20°C~+60°C(-H: -40°C~+60°C), Less than 90%RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	φ104mm × 306.7mm
Weight	1.25Kg

## Dimensions (mm)





## Accessory (optional)



**PFA130**



**PMA100**



**CMA100**