



# 4K H.265 Motorized Pro Bullet Network Camera



IP67 + IK10

Motorized Lens

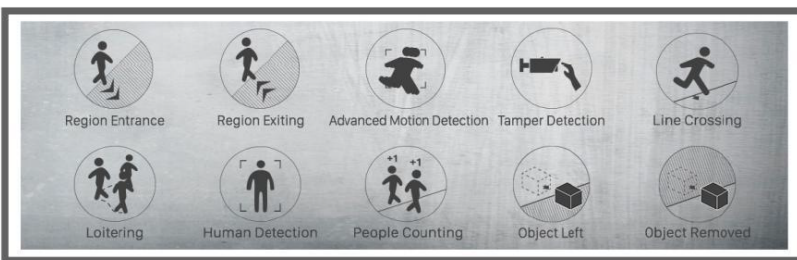
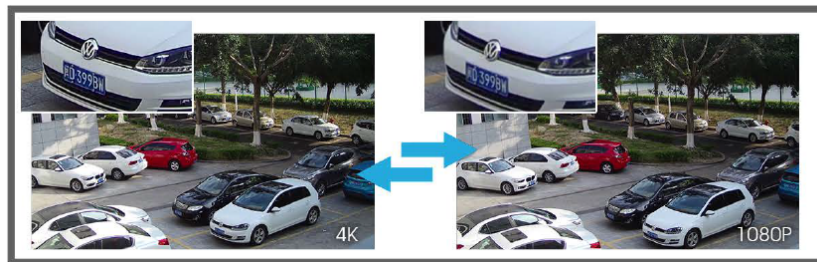
DI-PB81AF & DI-PB81AF1

## KEY FEATURES

- ▶ **Smart Stream** (Bandwidth, storage and bit rate save with Smart Stream ON, eg, H.265+ save 70%~80% bandwidth of H.264.)
- ▶ **Smart IR II** (Combining the High Beam and Low Beam to adjust IR intensity different lighting conditions.)
- ▶ **HLC** (High Light Compensation. Improving image visibility under strong light sources.)
- ▶ **Defog** (Defog technology. Restoring clear images in hazy and foggy weather.)
- ▶ **Integrated Cable Management** (Combining the power interface, PoE port, and other interfaces in the base neatly)
- ▶ **256G** (Support ultra-large external micro SD/SDHC/SDXC card storage up to 256G)

### 30fps@4K

Providing 4K HD resolution with frame rate of 30 fps, the camera performs well in catching detailed image regardless of the moving speed.

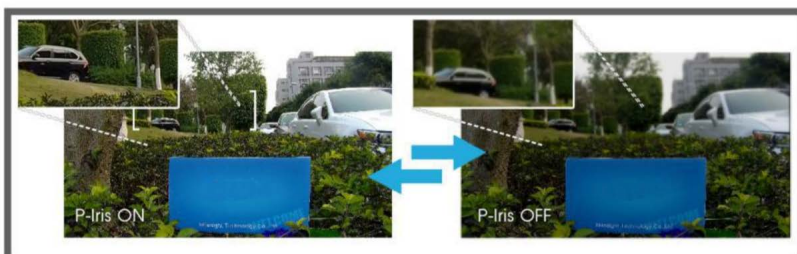


### Video Content Analysis

VCA with 10 detection modes provides advanced, accurate smart video analysis for network cameras, ending the comprehensive surveillance function and quicker response to different monitoring scenes.

### 120dB Super WDR

Sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 120dB.



### P-Iris

By adjusting the most suitable aperture position, to fully use the best part of the lens, P-Iris can control iris more precisely, offering no diffraction under strong light to give you a more clear scene with depth of view.

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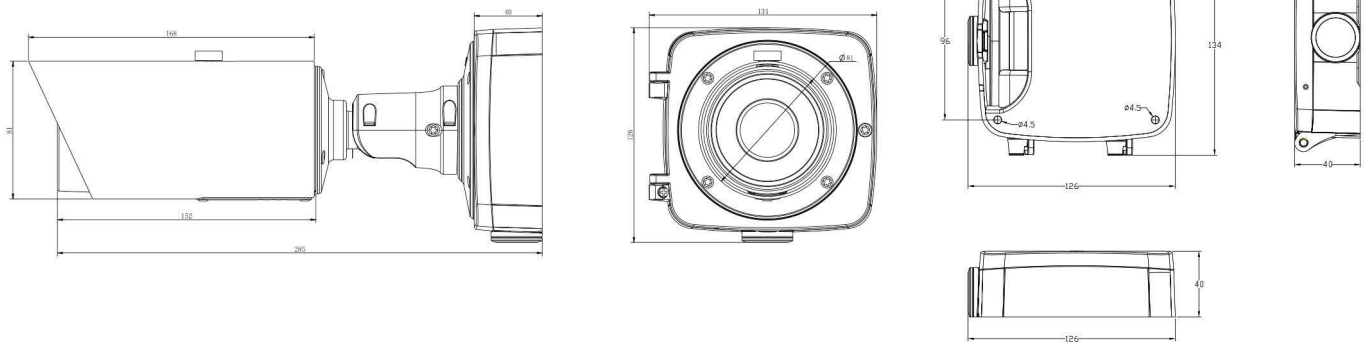
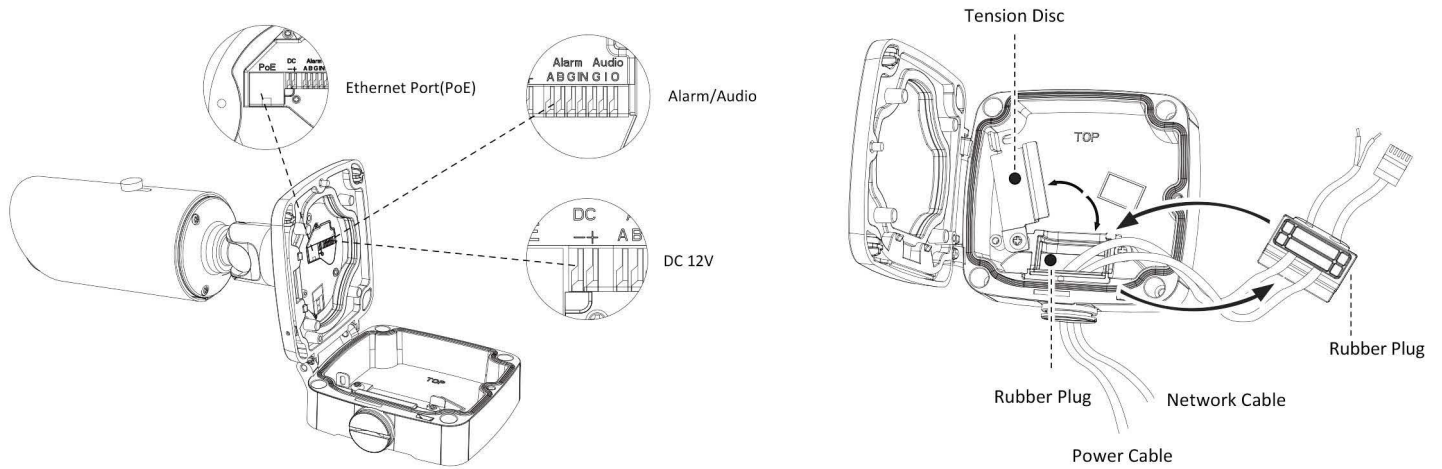


	Model	DI-PB81AF (4K)	DI-PB81AF1 (4K)
<b>Camera</b>	Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux@F1.2 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
	WDR	120dB Super WDR	
	Lens	Motorized 2.7~13.5mm @F1.4 P-Iris(Optional)	Motorized 3.6~10mm @F1.4 P-Iris(Optional)
	Mount	Φ14	
	Field of View	H96°~H33°/D112°~D37°/V53°~V18°	H110°~H46°/D125°~D54°/V61°~V25°
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 60m	
	Day&Night	ICR Filter Auto Switch	
	S/N	>55dB	
<b>Video</b>	Max. Image Resolution	3840x2160	
	Primary Stream	<b>30fps@(3840x2160)(Optional for H Series),</b> 15fps@(3840x2160), 30fps@(3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)	30fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192)	
	Tertiary Stream	30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
<b>Network</b>	Ethernet	1*RJ45 10M/100M/1000M Ethernet Port	
	Network Storage	NAS(Support NFS, SMB/CIFS)	
	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
<b>Audio</b>	Audio Compression	G.711/AAC	
	Audio I/O	1/1	
<b>System</b>	Alarm I/O	1/1	
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, ROI, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur	
	SIP/VoIP Support	Yes, Voice & Video-over-IP	
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.	
	Video Analysis (Optional)	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed	
System Compatibility	ONVIF Profile S & G & T		
<b>General</b>	Working Temperature	-40℃~60℃	
	Working Humidity	0~90%(Non-condensing)	
	Power Supply	PoE (802.3af)/ DC 12V±10%	
	Power Consumption	5.4W MAX 8.2W MAX (With IR on)	5W MAX 9W MAX (With IR on)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance	
	Housing	Vandal-proof IK10-rated Metal Housing (Optional)	
	Weight	1080g	
	Dimensions	134mmX126mmX285mm	

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## Structure Diagrams



Units: mm

## Accessories Support

**A01 Pole Mount**  
Weight: 720g  
Dimensions: 170\*51.5\*152.6mm



**A02 Internal Corner Bracket**  
Weight: 540g  
Dimensions: 170\*23.2\*205.3mm



**A03 External Corner Bracket**  
Weight: 900g  
Dimensions: 170\*152.6\*76.3mm



**A62 Junction Box**  
Weight: 510g  
Dimensions: 134\*127\*40mm

