



Digital Security System

4K H.265 Motorized Pro Dome Network Camera



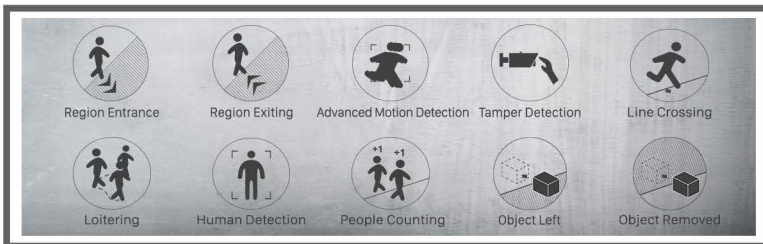
DI-PD4KAF

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.)
- ▶ **140dB Super WDR** (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 140dB.)
- ▶ **P-Iris** (Giving you a more clear scene with depth of view.)
- ▶ **Advanced Functions** (Boasting to support various advanced functions such as HLC Defog, ROI.)
- ▶ **SIP** (Session Initiation Protocol. Providing audio/alarm/intercom and video streaming for mobile phones and video phones.)
- ▶ **256G** (Support ultra-large external micro SD/SDHC/SDXC card storage up to 256G)

30fps@4K

Providing 4K HD resolution with frame rate of 30fps, 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, enabling 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.



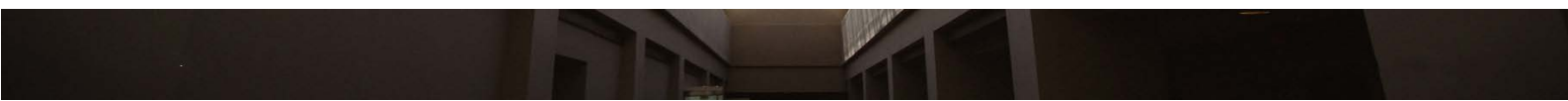
Clamshell Design

Aiming to reduce the installation troubles to the least, creatively introduces the clamshell design to the dome base. This revolutionary innovation enlarges the space to make cable connection a piece of cake, greatly saving efforts for installers.

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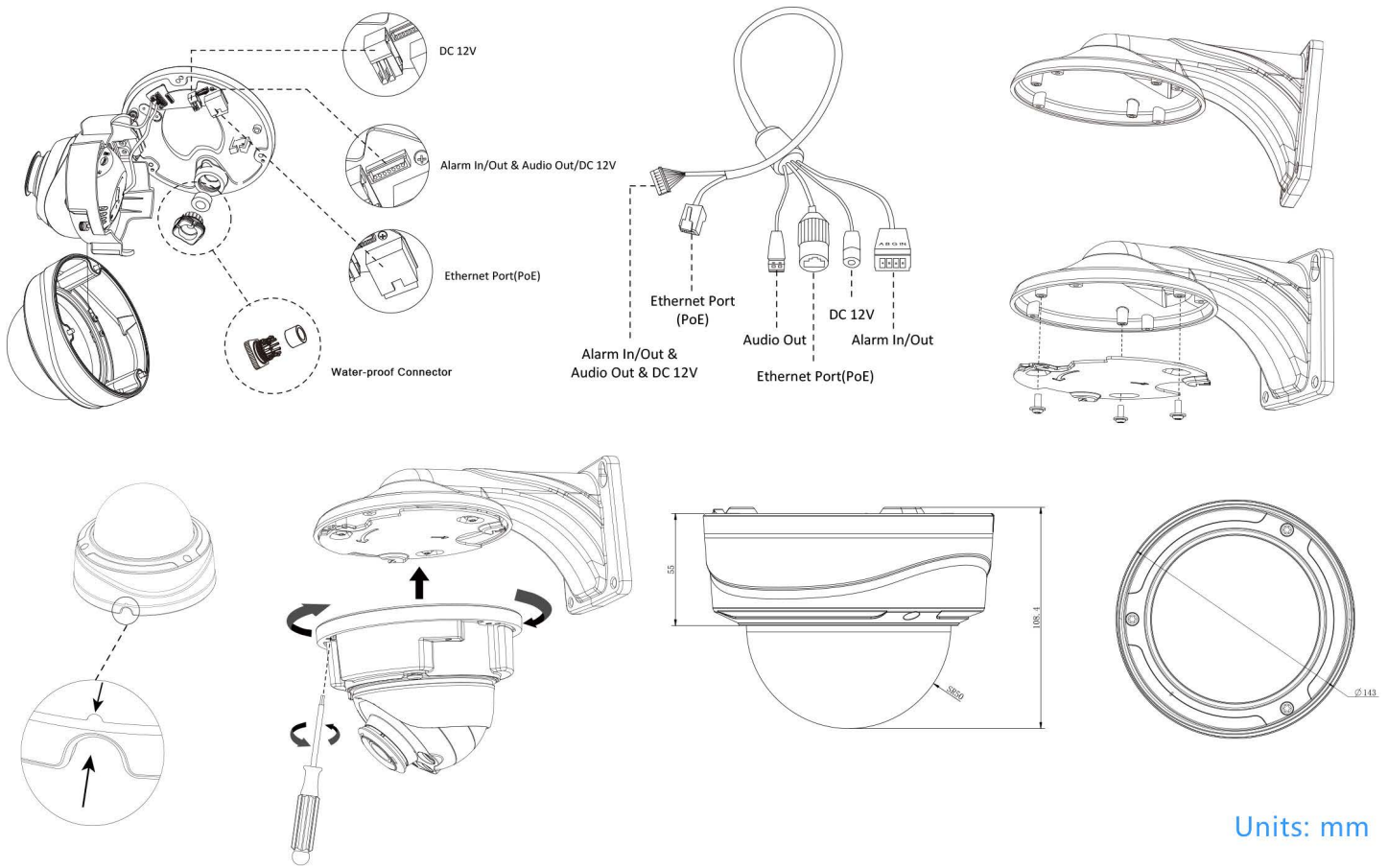
	Model	DI-PD4KAF (4K)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux@F1.2 B/W: 0Lux with IR on
	WDR	120dB Super WDR
	Lens	Motorized 2.7~13.5mm @F1.4 P-Iris(Optional)
	Mount	Φ14
	Field of View	H96°~H33°/D112°~D37°/V53°~V18°
	Shutter Time	1/100000s~1s
	IR Distance	Up to 50m
	Day&Night	ICR Filter Auto Switch
Video	Max. Image Resolution	3840x2160
	Primary Stream	30fps@(3840x2160), 30fps@(3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x176)
	Tertiary Stream	30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x176)
	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
Network	Ethernet	1*RJ45 10M/100M 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
Audio	Audio Compression	G.711/AAC
	Audio I/O	Built-in Microphone and 1 Audio Output interface
System	Alarm I/O	1/1
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	Privacy Masking, Backlight Compensation, HLC, 2D DNR, 3D DNR, ROI, Anti-fog, White Balance, EIS, IP Address Filtering
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, External Input, 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	
General	Working Temperature	-40℃~60℃
	Working Humidity	0~90%(Non-condensing)
	Power Supply	PoE (802.3af)/ DC 12V±10%
	Power Consumption	8W MAX 12W MAX (With IR on)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance
	Housing	Vandal-proof IK10-rated Metal Housing
	Weight	1100g
	Dimensions	Φ143mmX108.4mm



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Structure Diagrams



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



A72 Wall Mount

Weight: 560g
Dimensions: 240*160*136mm



AC-72 Smoked Dome Cover

For concealing where a camera is pointed



A75 Junction Box

Weight: 200g
Dimensions: 155.5*167*33.5mm



A76 Pendant Mount

Weight: 620g
Dimensions: 136*L (L is default as 300mm, also can be extended with A76-L)



A76-L Extension Lever

Weight: 315g
Dimensions: 34*300mm



Units: mm