

QV-IPD61A413Q45-FP

4-inch 4MP 25X Network Speed Dome

Pan-tilt-zoom camera with 4MP resolution, 25x optical zoom, providing great video quality in both overview and detail.

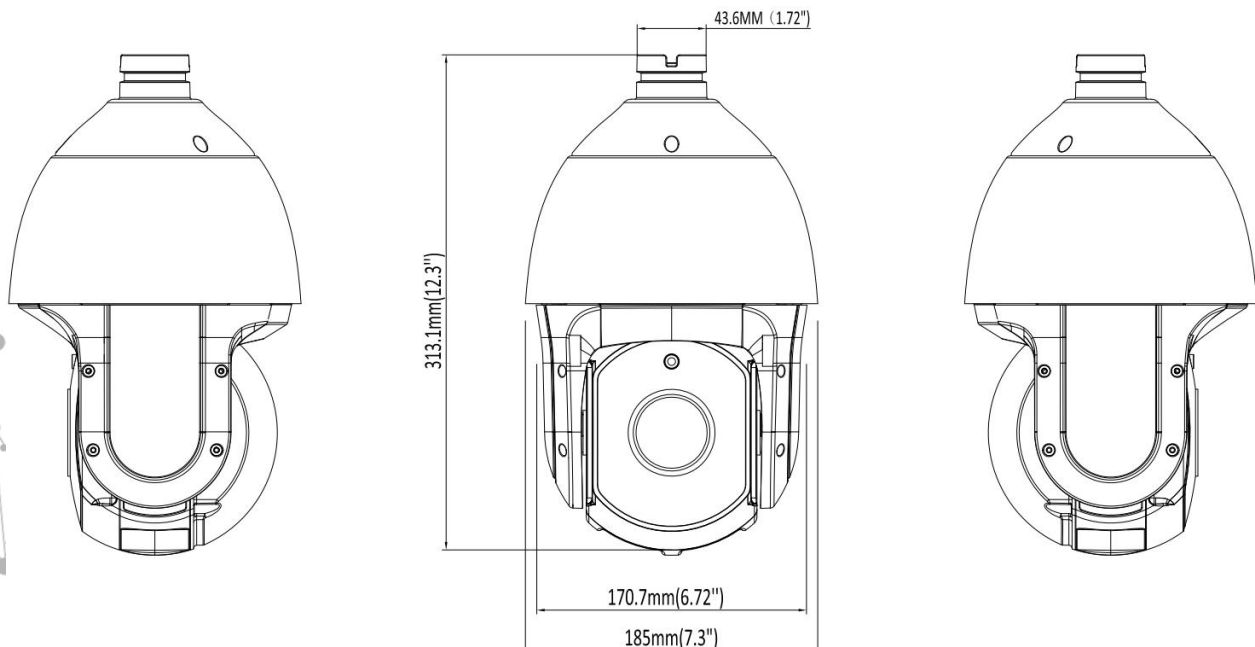
With advanced deep learning algorithm, Qualvision PTZ camera supports intelligent functions, such as perimeter protection and smart motion detection to classify human and vehicle, significantly reducing false alarm rate as compared to standard intelligent features.



Key Features

- High quality imaging with 4MP resolution
- 25x optical zoom, provides close-up details
- Clear imaging against strong backlight due to 120 dB WDR technology
- Auto tracking
- IR range up to 150M
- iQSense technology: Focus on real threats by detecting humans/vehicles only, and filter out other moving objects

Dimensions





Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS Sensor
Min. Illumination	0.006 lux (ICR ON, AGC ON)
IR	7 pcs array LED, 3 pcs laser light
Illumination Distance	150m (IR light)
Smart IR	Support
Shutter Time	Auto/Manual, 1/3~1/10000s
Slow Shutter	Support
Day/Night	IR cut filter with auto switch
Wide Dynamic Range	120 dB
Digital noise reduction	3D DNR
Starlight	Support
Lens	
Focal Length	25X Optical Zoom; 16X, Digital Zoom 4.8 ~ 120 mm
Aperture	F1.6 (W) ~ F4.3 (T)
Pan & Tilt	
Pan Range	360° endless
Pan Speed	Pan: 1°/s ~ 95°/s
Tilt Range	Tilt: -10° ~ +90°, auto flip 180°
Tilt Speed	Tilt: 1°/s ~ 33°/s
Proportional Zoom	Rotation speed can be adjusted automatically according to zoom multiples
Number of Preset	255
Power loss recovery	Yes
Patrol	32 automatic patrols
Pattern	8 patterns
Compression Standard	
Video Compression	H.264/H.264+/H.265/H.265+
H.264 Codec Profile	Base/Main/High profile
H.265 Codec Profile	Main Profile
Video Bit Rate	32 Kbps ~ 10Mbps



Triple Streams	Support
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps
Image	
Max. Image Resolution	4MP (2560 × 1440)
Main Stream	50Hz: 25fps 4MP (2560 × 1440) 25fps 1080P (1920 × 1080) , 25fps 960P (1280 × 960) , 25fps 720P (1280 × 720) 60Hz: 30fps 4MP (2560 × 1440) 30fps 1080P (1920 × 1080) , 30fps 960P (1280 × 960) , 30fps 720P (1280 × 720)
Sub Stream	50Hz: 25fps D1 (704 × 576) 25fps VGA (640 × 480) , 25fps CIF (352 × 288) 60Hz: 30fps D1 (704 × 480) 30fps VGA (640× 480) , 30fps CIF (352 × 240)
Third Stream	50Hz: 25fps 1080P (1920 × 1080) , 25fps 960P (1280 × 960) , 25fps 720P (1280 × 720) 25fps D1 (704 × 576) , 25fps VGA (640 × 480) , 25fps CIF (352 × 288) 60Hz: 30fps 1080P (1920 × 1080) , 30fps 960P (1280 × 960) , 30fps 720P (1280 × 720) 30fps D1 (704 × 480) , 30fps VGA (640× 480) , 30fps CIF (352 × 240)
Image Setting	Brightness/Contrast/Saturation/Hue/Sharpness
BLC	On/Off, zone configurable
ROI	Support
Defog	Support
Smart Feature	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), Video Shelter
Smart Event	Line crossing detection, Area intrusion, Region Entrance, Region Exiting (support alarm triggering by specified target types (human and vehicle)) , Scene change detection
Face Detection	N/A
Network	
Network Storage	NAS (NFS/CIFS)
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P
System Compatibility	Onvif (Profile S, Profile G, T) , CGI
Security	Password protection, complicated password, HTTPS encryption, IP address filter, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface
User	Up to 40 users
Web Browsers	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
Mobile Surveillance	IOS, Android
Interface	
Communication interface	1 RJ45 10 M/100 M self-adaptive Ethernet port



On-board storage	Up to 256GB
MIC	N/A
Speaker	N/A
Audio I/O	1/1
Alarm I/O	1/1
Reset button	Support
General	
Operating Conditions	-30 °C ~ 60 °C (-22 °F ~ 140 °F) Humidity 95% or less (non-condensing)
Power Supply	DC12V
POE	PoE (802.3 at)
Power Consumption	MAX. 21.6 W
Protection Level	IP66
Protection	6000V lightning protection, surge protection and anti-surge protection
Material	Aluminum-Alloy
Dimensions	Φ 185.0 × 313.1 mm (Φ 7.3" × 12.3")
Gross Weight	4.76 kg (10.49lb)