

PD1022V2

2 MP compact PTZ dome camera, 25x zoom, IR

DESCRIPTION

*** This product is Obsolete, Stock clearance, as of 1-nov-2023 ***

The PD1022v2 is a compact PTZ dome suitable for indoor and outdoor usage. With its 25x optical zoom block, it can stream full HD (1920x1080) resolution images from up close and far away. The camera supports the latest technology such as H.265, and intelligent H.264+ for an even better compression of the video stream; to save bandwidth and storage requirements. The PD1022v2 offers many image enhancement techniques, such as BLC and HLC, Electronic Image Stabilization, Defog and 3D DNR.

FEATURES

1/2.8 Progressive scan CMOS

4.8 to 120 mm zoom lens

2 MP (1920 x 1080)

120 dB WDR

Triple-stream H.265, H.264 and MJPEG video

Day/Night with IR-cut filter / WDR / BLC

Electronic Image Stabilisation

ONVIF Profile S



Camera

Image Sensor	1/2.8" Progressive CMOS
Effective pixels	1920x1080(2MP)
Minimum scene illumination	Color: 0.005lux, B/W: 0.001 lux, 0lux with IR illumination on, F1.6
Shutter Speed	1 sec. to 1/30,000 sec.
Lens	25x, 4.8-120mm, DC-iris, F1.6
Field of View	2.7° to 54.9° horizontal, 1.5° to 31.5° vertical
Focus Control	Autofocus
Slow Shutter	Supported
Day/Night	Automatic IR-cut Filter

PTZ

Range	Pan: 360° Continuous rotation; Tilt: -5° to +185° (Auto Flip)
Speed	Preset - 350°/sec(P), 200°/sec(T); Manual - 0.1°/sec ~ 90°/sec(P), 0.1°/sec ~ 55°/sec(T)
Presets	300 presets
Functions	Pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, Speed by Zoom, Azimuth

Video

Video Compression	H.265 (Main Profile) / H.264 (High Profile/Main Profile/High Profile) / MJPEG
Video Bitrate	32Kbpf to 8Mbps
Max. Resolution	1920x1080, 1280x960, 1280x720, 704x480, 640x480, 352x240
Supported Resolution	1920x1080, 1280x960, 1280x720, 704x480, 640x480, 352x240
Frame Rate	25/30fps
Number of simultaneous streams	Triple streams
Max. Streaming	
30fps (dual shutter WDR)	1920x1080, 1920x1080, 704x480
Bitrate Control	Constant bit rate (CBR), variable bit rate (VBR), Smart bitrate(H.265+, H.264+)**
Number of video output streams	Up to 20(RTSP)
Region of interest	Support

Image

Wide dynamic range	120dB
White Balance	Auto, ATW, Manual, Indoor, Outdoor
Image Setting	Saturation, Brightness, Contrast, Sharpness, Backlight Compensation, Highlight Compensation, WDR, Exposure control, Gain
SNR	>52dB
Day/Night Switch	Auto/Scheduled/Triggered by Alarm In
Image Enhancement	3DNR, Defog
Digital Zoom	16x
Image Rotation	90°, 180°, 270° rotation
privacy masks	24x, Color & Mosaic
Text and picture overlay	Date & time, Preset title, 4x text overlay (44 characters each)

Image

Analytics

Smart Analytics	Loitering Detection, Intrusion Detection, Object Abandoned, Object Removal, Line Crossing Detection, Region Editing Detection
Event detections	External Input, External Output, Tampering, recording notification, Network disconnected, IP Address Conflicted, Illegal Login, Video quality Diagnosis, Vibration detection
Event Action	Alarm output, Record video clip to NAS/SD card, Send alarm message and image by E-mail/FTP, Send HTTP notification

Audio

Audio Interface	1x 3.5 mm audio in (line in), 2-2.4 Vpp amplitude, 1K impedance; 1x 3.5 mm audio out interface, line level, 600 impedance
Compression	G.711, G.726, AAC, LPCM

Alarm

Input	2x
Output	2x
Operational modes	Motion detection, Tampering alarm, Alarm I/O, Smart Analytics Events

Network

Communication Interface	10/100/1000 Mb (RJ45)
Network protocols	IPv4/IPv6, HTTP, HTTPS (TLS1.2), 802.1x, Qos, FTP, SMTP(SSL), UPnP, SNMP(v1/v2/v3/Traps), DNS, DDNS, NTP, RTSP, RTCP, RTP/UDP, TCP/IP, IGMP(v2/v3), DHCP, PPPoE, SSL/TLS, SRTP, ONVIF Profile S/G/T, Siqua Protocol
Security	User authentication, Privilege Management, Digest authentication (RTSP, HTTP), HTTPS encryption (TLS1.1/1.2); SRTP, IEEE 802.1x port-based network access control, IP filtering
Web Viewer	Internet Explorer 11, Microsoft Edge, Google Chrome, Mozilla Firefox

General

Protection Level	IP66
Material	Aluminum
Edge Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Power	DC12V (terminal block), Max.18W; IEEE 802.3at PoE Type 2, Class 4, Max. 16.8W
IR illumination	850nm IR LEDs, 50 meters
Operating temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Relative Humidity (Operation)	95% or less, no condensation
Storage temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Relative Humidity (Storage)	90% or less, no condensation
Dimensions(camera body)	diameter169 x 161 mm (diameter6.65 x 6.34 in)
Weight	2.45 kg (5.4 lbs)

Specs



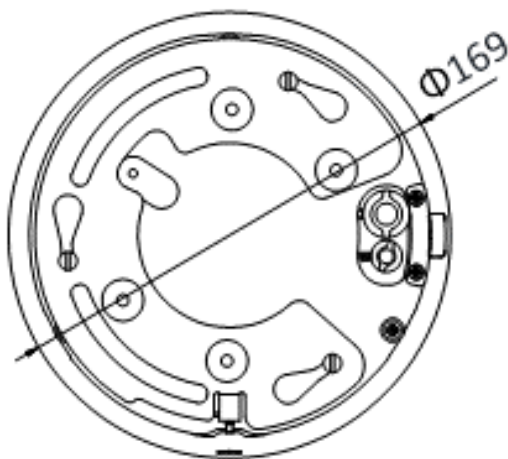
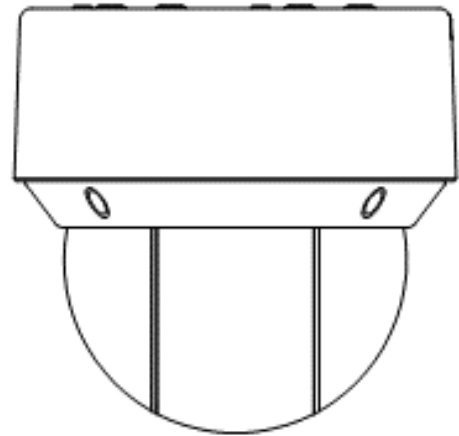
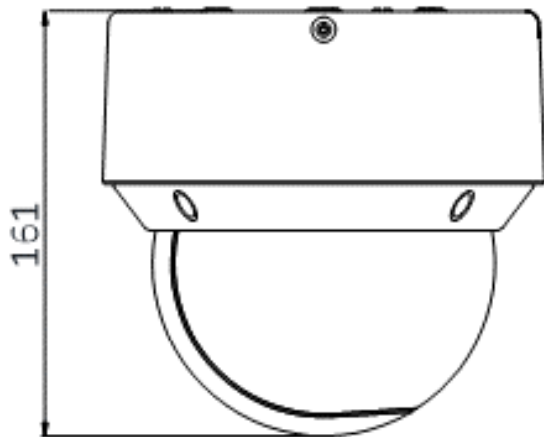
General

Colour	RAL 9003 (Signal white)
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Ordering Information






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PD1022 Dimension



Unit: mm

RELATED

	TKH Security WM18 Wall mount, for PD1022v2, PD1024
	TKH Security JB02 Junction box, for PD1022v2, PD1024
	TKH Security CM19 Flush mount, for PD1022v2, PD1024
	TKH Security DC33 Dome cover, transparent, vandal proof, for PD1022, PD1102v2
	TKH Security DC33S Dome cover, smoked, vandal proof, for PD1022, PD1102v2