

ULTRA HD RESOLUTION

16MP IP PANORAMIC DOME CAMERA

VP-NC62416PU-AF5Z36IR7X1

MULTI-SENSOR 360° PANORAMIC CAMERA



FEATURES

Eight 1/1.8" Progressive Scan CMOS, up to 2× 4096× 1800 resolution @30fps

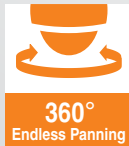
Horizontal angle of view: 360°, Vertical angle of view: 80°

36x optical zoom, 16x digital zoom

8 Fixed Camera + 1 PTZ

Smart detection: Face detection, support intrusion detection, line crossing detection, region entrance detection, and region exiting detection
Face Detection, Audio Exception Detection

On board storage supported by Micro SD / SDHC / SDXC card up to 128 GB



TECHNICAL SPECIFICATIONS

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System Function	One-touch Link	Supported
	Tracking Mode	Manual/ Auto/ Mix
	Multiple Targets Tracking	Supported
	Number of Targets	Up to 30 targets can be detected at the same time
	Target Switch Time	<1s
	Calibration	Manual/ Auto
	Tracking Duration	Up to 60s
	Sensitivity Settings	Supported
Panoramic Camera	Image sensor	Eight 1/1.8" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	2x 4096 (H) x 1800 (V)
	Minimum Illumination	Color: 0.005Lux@(F2.0, AGC ON); B/W: 0.0005Lux@(F2.0, AGC ON)
	Lens Type	5.0mm/ F2.0
	Angle of View	Horizontal: 360°, Vertical: 80°
	Smart Image Enhancement	Digital WDR, 3D DNR, HLC
	Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
	Main Stream	20:9 50Hz: 25fps (4096x1800, 3840x1680, 2720x1192) 60Hz: 30fps (4096x1800, 3840x1680, 2720x1192) 20:6 50Hz: 25fps (4096x1200, 3840x1080, 2720x800) 60Hz: 30fps (4096x1200, 3840x1080, 2720x800)
	Sub Stream	20:9 50Hz: 25fps (704x320, 512x232) 60Hz: 30fps (704x320, 512x232) 20:6 50Hz: 25fps (704x200) 60Hz: 30fps (704x200)
Tracking PTZ Camera	Third Stream	20:9 50Hz: 25fps (2048x896, 1280x560, 704x320, 512x232) 60Hz: 30fps (2048x896, 1280x560, 704x320, 512x232) 20:6 50Hz: 25fps (2048x600, 1280x376, 704x200) 60Hz: 30fps (2048x600, 1280x376, 704x200)
	Image Sensor	1/1.8" Progressive Scan CMOS Sensor
	Max. Image Resolution	1920 x1080
	Min. Illumination	Color: 0.002 Lux @ (F1.5, AGC ON), B/W: 0.0002Lux @ (F1.5, AGC ON), 0 Lux with IR
	Focal Length	5.6 to 208mm, 36x optical zoom
	Signal to Noise	> 52 dB
	Zoom Speed	Approx.6.6s (Optical Wide-Tele)
	Angle of View	62.5° to 1.9° (Wide-Tele)
	Min. Working Distance	10mm to 1500mm (Wide-Tele)
	Aperture Range	F1.5 to F4.5
	Pan Angle	360° endless pan rotation
	Tilt Angle	15° to 90°
	Pan Speed	0.1° ~ 210°/s(Manual), 240°/s(Preset)
	Tilt Speed	0.1° ~ 150°/s(Manual), 200°/s(Preset)
	Presets	300
	Patrol	8 patrols, up to 32 presets per patrol
	Tour Pattern	4 pattern scans, record time over 10 minutes for each scan
	Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/ Frame Scan/Panorama Scan
	3D Positioning	Supported
	IR Range	200m; IR brightness and angle are adjustable

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PTZ Resolution and Frame Rate	Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output
	Power-off Memory	Supported
	Smart Image Enhancement	Digital WDR, 3D DNR, HLC, BLC, AGC, Defog, ROI
	Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
	Audio Compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
	Max. Resolution	1920×1080
	Main Stream	50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720)
	Sub-Stream	50Hz: 25fps (704×576, 640×480, 352×288) 60Hz: 30fps (704×480, 640×480, 352×240)
	Third Stream	50Hz: 25fps (1920×1080, 1280×960, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×960, 1280×720, 704×480, 640×480, 352×240)
Network	Protocols	TCP/IP, IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE ° °
	System compatibility	ONVIF
	Alarm trigger	Motion Detection, Video Tampering Detection, HDD Full, HDD Error, Network Disconnected, IP Address Conflicted, Illegal Login
	Network storage	Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB, ANR
Smart Analytics	Smart Features	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting, Detection, Face Detection, Audio Exception Detection
	Target Filtering	People and vehicle are classified and filtered separately
Interface	Ethernet	1x RJ45 10/100/1000 Ethernet port
	Fiber Cable	1x 1000M FC interface, TX1310/ RX1550nm wavelength, 20 km transmission distance
	RS-485	Half duplex, Pelco-P and Pelco-D self-adaptive
	Alarm Input/ Output	7-ch alarm input and 2-ch alarm output
	Audio Input/ Output	1-ch audio input and 1-ch audio output
General	Power Requirement	36 VAC
	Power Consumption	MAX. 130W
	Enclosure	IP66 Standard, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
	Operating Temperature	-40°C to +70°C
	Operating Humidity	90% or less (non-condensing)
	Color	White
	Dimensions	Φ391.8mm×400.5mm
	Weight	Approx. 18kg
Certifications	Certifications	UL, CE, FCC, RoHS

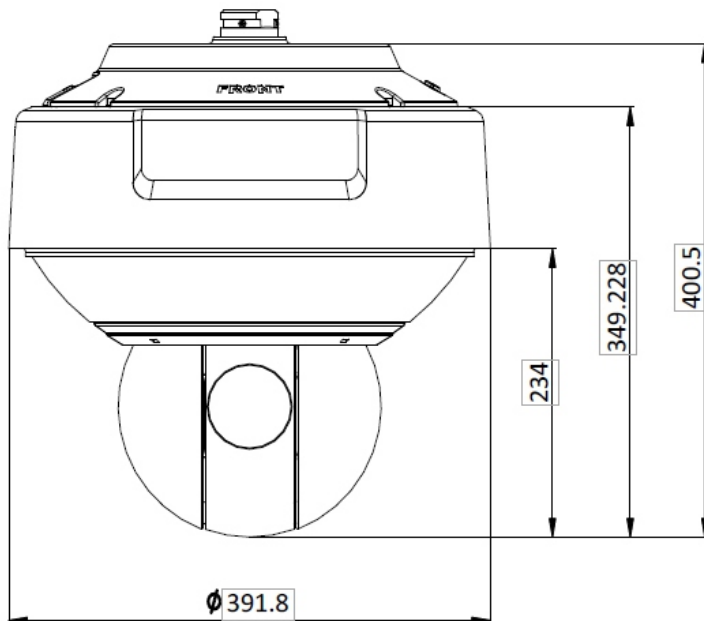
*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Weights and measurements are approximate and may vary.

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DIMENSIONS

Unit: mm



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