

FULL HIGH DEFINITION 2MP IP PTZ CAMERA

VP-NC7230P-42IRX1

IR Night Vision High Speed PTZ Dome Camera



FEATURES

Full High Definition 2MP (1920 x 1080) resolution

1/2.5" Progressive Scan CMOS Sensor

32 × optical zoom, 16 × digital zoom

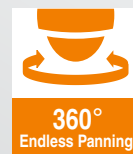
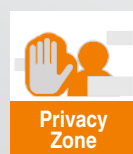
360° endless panning

Inbuilt IR LEDs for 200 mtrs IR range

Support face capture, Up to 5 faces captured at the same time

Human and vehicle target classification and linked tracking

IP66 Weather proof outdoor enclosure



VP-NC7230P-42IRX1

Camera	Image sensor	1/2.5" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	1920 (H) × 1080 (V)
	Minimum Illumination	Color: 0.005Lux@(F1.2, AGC ON); B/W: 0.001Lux@(F1.2, AGC ON); 0 lux with IR
	Electronic Shutter Speed	1/1 s to 1/30000 s (slow shutter supported)
	Signal to Noise	> 52 dB
	Gain Control	Auto / Manual
	White Balance	Auto/Manual/ATW (Auto Tracking White Balance)/Indoor/Outdoor/ Fluorescent lamp/Sodium lamp
Lens	Lens Type	4.8mm to 153mm
	Focus	Auto/ Semiautomatic/ Manual
	Zoom Speed	Approx. 4.2s (optical wide-tele)
	Angle of View	H field of view: 58.4° to 2.14°, V field of view: 33.8° to 1.2°, D field of view: 65.6° to 2.46°
	Zoom	32x Optical Zoom, 16x Digital Zoom
	Iris Control	Automatic
	Aperture	F1.2
Compression	Video compression	H.265+, H.265, H.264+, H.264, MJPEG
	H.264 codec profile	Main profile
	Video Bit Rate	32 Kbps ~ 16Mbps
	Audio Compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM
	Audio Bit rate	MP2L2: 32 kbps, 40 kbps, 48 kbps, 56 kbps, 64 kbps, 80 kbps, 96 kbps, 112 kbps, 128 kbps, 144 kbps, 160 kbps, 192 kbps
Resolution and Frame Rate	Max. Resolution	1920 x 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)
Day/Night Functionality	Day & Night	IR Cut Filter
	IR Source	Inbuilt High performance IR LEDs
	IR Range	Up to 200 Mtrs
Pan-Tilt	Pan Angle	0° ~ 360° endless pan rotation
	Tilt Angle	-90° to 90° (Auto Flip)
	Pan Speed	Configurable, from 0.1°/s to 160°/s, Preset Speed: 0.1°/s to 240°/s
	Tilt Speed	Configurable, from 0.1°/s to 120°/s, Preset Speed: 0.1°/s to 200°/s
	Presets	300
	Preset Accuracy Patrol	8 patrols, up to 32 presets per patrol
	Tour Pattern	4 pattern scans, record time over 10 minutes for each scan
	Power-off Memory	Supported
	PTZ position display	Supported
	Proportional Zoom	Supported
	3D Positioning	Supported
	PTZ Status Display	Supported
	Preset Freezing	Supported
	Park Actions	Preset/patrol/pattern/pan scan/tilt scan/random scan/frame scan/ panorama scan
	Scheduled Tasks	Auto scan/frame scan/random scan/patrol/pattern/preset/panorama scan/tilt scan/dome reboot/dome adjust/aux output

TECHNICAL SPECIFICATIONS

VP-NC7230P-42IRX1

Operational Features	Privacy Masking	Up to 24 masks, polygon region, mosaic mask, mask color configurable
	Video Tampering	Supported
	Motion Detection	Supported
	ROI	Dynamic face tracking, fixed region, main stream, sub-stream & third stream respectively support eight fixed areas
	HLC and BLC	Supported
	Defog	Supported
	WDR	120dB WDR
	Regional Exposure	Supported
	Regional Focus	Supported
	Upgrade	Online firmware upgrade via Web browser
	EIS	Supported
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	SD Card	Supports up to 256 GB microSD/SDHC/SDXC card, ANR Feature
	Image settings	Rotate mode, Saturation, brightness, contrast, sharpness adjustable through client software or web browser
	Security	Authenticated username and password, MAC address binding, HTTPS encryption, IEEE 802.1X authenticated access, IP address filter
	Basic Event	Audio exception, motion detection, alarm input, alarm output, video tampering alarm, exception
	Alarm Trigger	Preset, Patrol Scan, Pattern scan, SD Card Recording, Alarm Output, Sending Email, Notify Center, Upload to FTP, HTTP, smart tracking
	Smart Features	Intrusion detection, line crossing detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Manual tracking, Event tracking, Auto-tracking, Face Capture
Network & Remote Monitoring	Protocols	IPv4/IPv6, HTTP, HTTPS, QoS, FTP, SMTP, UPnP, SNMP, PELCO-P & D DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE,
	System compatibility	ONVIF (Profile S, Profile G, Profile T)
	CMS	Full function CMS (Central monitoring software) User Access Professional authority management for user access
	Mobile Client Application	Supports android and iOS APP for Smart phone and tablets
	Web Browsers	IE 8 to 11, Chrome 57+, Firefox 52+, Safari 12+
Interface	Ethernet	1 RJ45 10/100 Ethernet port
	Audio In/Out	1/1
	Alarm In/Out	2/1
Electrical	Power Requirement	24VAC and Hi-PoE
	Power Consumption	Max: 42 W
Environmental	Enclosure	IP66, TVS 6,000 V lightning protection, surge protection, and voltage transient protection
	Impact Protecion	IK10 (excluding glass window)
	Operating Temperature	-30°C to 65°C
	Operating Humidity	90% or less (non-condensing)
	Demist	Demist by heating the glass
Mechanical	Color	White
	Dimensions	Φ220mm × 353.4mm
	Weight	Approx. 5 kg
Certifications	Certifications	UL, CE, FCC, RoHS

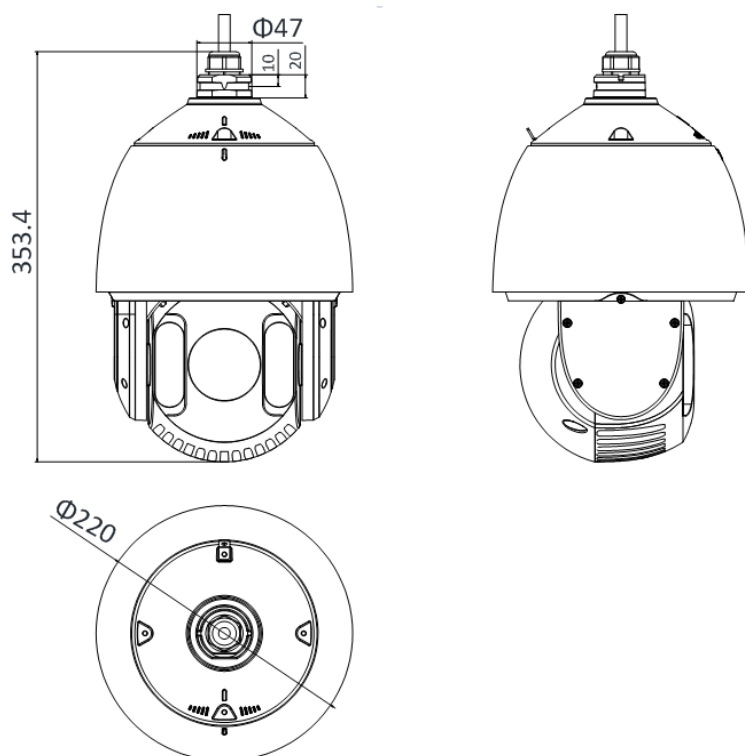
*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product Image, Weights and measurements are approximate and may vary.

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DIMENSIONS

Unit: mm



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