

FULL HIGH DEFINITION 5MP IP PTZ CAMERA

VP-NC8355P-Z20IR6B1
IR Night Vision High Speed PTZ Dome Camera



FEATURES

Full High Definition 2MP (2592 x 1944) resolution

1/2.8" Progressive Scan CMOS Sensor

20x Optical zoom

360° endless panning

Inbuilt IR LEDs for 150 mtrs IR range

Supports presets/pattern/patrol/pan scan

Inbuilt DWDR, 3D DNR & BLC

Inbuilt SD card Slot up to 128GB (Optional)



1/2.8"
Progressive
Scan CMOS Sensor

**FULL
HD**



Backlight
Compensation



Dual
Stream



360°
Endless Panning

TECHNICAL SPECIFICATIONS

VP-NC8355P-Z20IR6B1

Camera	Image sensor	1/2.8" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	2592 (H) × 1944 (V)
	Minimum Illumination	Color: 0.05Lux@(F1.4, AGC ON); B/W: 0.01Lux@(F1.4, AGC ON); 0 Lux with IR
	Electronic Shutter Speed	1/2 - 1/20,000s
	Signal to Noise	> 52 dB
	Gain Control	Auto / Manual
	White Balance	Auto/ Manual
	Iris	Auto Iris
Lens	Lens Type	4.7- 94mm, 20x optical
	Angle of View	51.85 -2.89 degree (Wide-Tele)
	Focus	Auto Focus
	Zoom	20x Optical Zoom
	Zoom Speed	Approx.1s (Optical Wide-Tele)
	Aperture Range	F1.6 ~ F3.5
Compression	Video compression	H.265 / H.264 / MJPEG
	H.265 codec profile	Main profile
	Video Bit Rate	256 Kbps ~ 16 Mbps
Resolution and Frame Rate	Max. Resolution	2592 × 1944
	Main Stream	50Hz: 15 fps(2592×1944,2592×1520),25 fps(1920×1080,1280×720) 60Hz: 15 fps(2592×1944,2592×1520),30 fps(1920×1080,1280×720)
Day/Night Functionality	Day & Night	True Day & Night with ICR
	IR Cut	High performance Mechanical IR Cut Filter with auto switch
	IR Source	Inbuilt High performance IR LEDs
	IR Range	Up to 150 Mtrs
	IR Irradiation Angle	Automatically adjusted, depending on the zoom ratio
	IR Life	40000 operation hours
Pan-Tilt	Pan Angle	360° endless pan rotation
	Tilt Angle	0° to 93° (Auto Flip)
	Pan Speed	0.02° ~ 200°/s
	Tilt Speed	0.02° ~ 100°/s
	Presets	220
	Preset Accuracy	± 0.1°
	Patrol	3 patrols, up to 16 presets per patrol
	Tour Pattern	4 Tour patterns
	Power-off Memory	Supported
	PTZ position display	Supported
Operational Features	OSD Menu	Supported
	Camera ID	On/Off
	Privacy Masking	Yes multiple zone supported
	Digital Zoom	16x Digital Zoom
	Motion Detection	Supported
	Backlight Compensation	Supported
	Video Adjustment	Supported
	WDR	D-WDR
	Protocols	PELCO-P, PELCO-D, Multi protocol support
	Baud Rate	2400/4800/9600bps
DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit	

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	Codec streaming capability	Dual streaming
	Image settings	Rotate mode, Saturation, brightness, contrast, sharpness adjustable through client software or web browser
	Security	User authentication, watermark, IP address filtering, anonymous access, reset
Network & Remote Monitoring	Protocols	TCP/IP,HTTP,NTP,IGMP,DHCP,UDP,SMTP,RTP,RTSP,ARP,DDNS, DNS,HTTPS,P2P
	System compatibility	ONVIF
	CMS	Full function CMS (Central monitoring software)
	User Access	32 users online with professional authority management
	Mobile Client Application	Supports android and iOS APP for Smart phone and tablets
	Bandwidth control	VBR (Automatic) and CBR (Manual) supported
	Onboard storage	Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB (Optional)
Interface	Ethernet	1 RJ45 10/100 Ethernet port
	Power Input	Standard DC Jack
	Audio Input/Output	1/1(Optional)
	Alarm Input/Output	1/1(Optional)
Electrical	Power Requirement ($\pm 10\%$)	12VDC,4A
	Power Consumption	MAX. 25W
Environmental	Enclosure	IP66, 4000V lightning Protection, Surge Protection
	Mounting bracket	External Mounting bracket included
	Operating Temperature	-40°C to +60°C
	Operating Humidity	95% or less (non-condensing)
Mechanical	Color	White
Certification	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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