

# THK-NC324P-VDZ

## 4 MP Outdoor IR Varifocal Dome Camera



### KEY FEATURES

- 1/3" (4 MP) Progressive Scan CMOS
- 2688 x 1520 Resolution @ 30 fps
- Up to 100 ft (30 m) EXIR 2.0 Range
- 2.8 to 12 mm Motorized Varifocal Lens
- H.265+, H.265, H.264+, H.264
- 120 dB True WDR
- MicroSD Card Slot Supports 128 GB
- IP67, IK10 Protection
- Durable Metal Housing
- 12 VDC and PoE (802.3af)

THK-NC324P-VDZ		
Camera	Image Sensor	1/3" progressive scan CMOS
	Minimum Illumination	Color: 0.018 lux @ (f/1.6, AGC on), 0 lux with IR
	Shutter Speed	1/3 s to 1/100,000 s
	Slow Shutter	Yes
	Auto-Iris	No
	Day/Night	IR cut filter
	Digital Noise Reduction	3D DNR
	WDR	120 dB
	Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	Focal Length	2.8 mm to 12 mm motorized varifocal lens
	Aperture	f/1.6
	Focus	Auto
	FOV	Horizontal FOV: 104° to 29°, vertical FOV: 55° to 17°, diagonal FOV: 125° to 34°
	Lens Mount	Ø14
IR	IR Range	Up to 100 ft
	Wavelength	850 nm
Compression Standard	Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265+/H.265/H.264+/H.264/MJPEG Third stream: H.265+/H.265/H.264+/H.264
	H.264 Type	Main profile/high profile
	H.264+	Main stream and sub-stream support
	H.265 Type	Main profile/high profile
	H.265+	Main stream and sub-stream support
	Video Bit Rate	256 Kbps to 16 Mbps
	Auto Compression	G.711/G.722.1/G.726/MP2L2/PCM
	Audio Bit Rate	64 kbps (G.711)/16 kbps (G.722.1)/16 kbps (G.726)/32 to 192 kbps (MP2L2)
Smart Features	Behavior Analysis	Line crossing detection, intrusion detection
	Face Detection	Yes
	Region of Interest	One fixed region for main stream and sub-stream
Image	Maximum Resolution	2688 × 1520
	Main Stream	30 fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)
	Sub Stream	30 fps (640 × 480, 640 × 360, 320 × 240)
	Third Stream	30 fps (1280 × 720, 640 × 360, 352 × 240)
	Image Enhancement	BLC/3D DNR
	Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
	Target Cropping	No
	Day/Night Switching	Day/night/auto/schedule/triggered by alarm in
Network	Network Storage	MicroSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS/SMB/CIFS), ANR
	Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
	Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
	General Function	One-key reset, anti-flicker, 5 streams and up to 5 custom streams, heartbeat, password protection, privacy mask, watermark, and IP address filtering
	API	ONVIF (PROFILE S, PROFILE G), ISAPI
	Simultaneous Live View	Up to 6 channels
	User/Host	Up to 32 users. 3 user levels: administrator, operator, and user
	Client	iVMS-4200, Hik-Connect
	Web Browser	IE 8+, Chrome 31.0 to 44, Firefox 30.0 to 51, Safari 8.0+

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Interface	Audio	1 input (line in/mic in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound
	Communication Interface	1-port RJ45 10M/100M self-adaptive Ethernet port
	Alarm	1 input, 1 output (up to 12 VDC, 30 mA), terminal block
	Video Output	1 Vp-p composite output(75 Ω/BNC)
	On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
	SVC	H.264 and H.265 encoding
	Reset Button	Yes
Audio	Environment Noise Filtering	Yes
	Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
General	Operating Conditions	-22° to 140° F (-30° to 60° C); humidity 95% or less (non-condensing)
	Power Supply	12 VDC ±25%, terminal block, PoE (802.3af, class 3)
	Power Consumption and Current	12 VDC, 0.8 A, maximum 10 W; PoE (802.3af, 37 V to 57 V), 0.35 A to 0.2 A, maximum 12 W
	Protection Level	IP67, IK10, TVS 2000V lightning protection, surge protection, and voltage transient protection
	Material	Metal

### DIMENSIONS

