

# IP-NC324-VDZ

## 4MP IP Motorized Varifocal Dome Camera

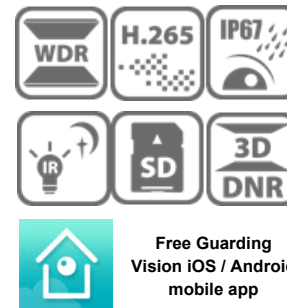
### Features:

- Up to 4 megapixel high resolution
- 2560 x 1440 @ 30fps
- Three streams
- Motorized lens 2.8 - 12mm
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- Backlight Compensation
- 2 Behavior analyses and face detection
- DC12V & PoE
- H.265+, H.265, H.264+, H.264
- Up to 98' IR range
- 3-axis adjustment
- Region of interest
- IP67 weather-proof protection
- IK10 Vandal rating



### Camera

Image sensor	1/3" Progressive Scan CMOS
Min. illumination	0.01Lux @ (F1.2, AGC ON) ,0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Lens	2.8 - 12mm @ F1.6, motorized
Day & Night	IR cut filter
Digital noise reduction	3D DNR
Wide Dynamic Range	120dB
Pan & Tilt Rotation	Pan: 0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°
Video compression	
Main stream	H.265 / H.264
Sub-stream	H.265 / H.264 / MJPEG
Third stream	H.265 / H.264
Video bit rate	32 Kbps – 16 Mbps
Audio compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio bit rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
Behavior analysis	Line crossing detection, intrusion detection
Face detection	Yes
Region of interest	1 fixed region for main stream and sub-stream



### Image

Max. Image Resolution	2560 x 1440
Frame rate	
Main stream	50Hz:25fps (2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2560 × 1440, 2304 × 1296, 1920 × 1080)
Sub-stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
Image enhancement	BLC / 3D DNR
Day / Night switch	Auto / Schedule / triggered by alarm in
Image settings	Rotate mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
ROI	Supported



**1273ZJ-135B**  
Wall mount for IP-NC304-VDZ



**1280ZJ-DM1**  
Junction box for IP-NC304-VDZ

### Ordering Information:

IP-NC324-VDZ	4MP IP Motorized Varifocal Lens Dome Camera with IR, white housing
IP-NC324-VDZ-BLK	4MP IP Motorized Varifocal Lens Dome Camera with IR, black housing

# IP-NC324-VDZ

## 4MP IP Motorized Varifocal Dome Camera

### Network

Network storage	Supports Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm trigger	Motion Detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception, illegal login, HDD full, HDD error
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour
General	One-key reset, anti-flicker, three streams, Flash-prevention, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering
Standard	ONVIF (Profile S, Profile G), ISAPI
Client	Central management software
Simultaneous live view	Up to 6 channels
User / host	Up to 32 users, 3 levels: administrator, operator and user
Web browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+

### Interface

Audio	1 input (line in/mic.in), 1 output (line out), terminal block, mono sound
Communication Interface	1 RJ45 10M/100M Ethernet interface
Alarm	1 input, 1 output (up to 12 VDC, 30 mA), terminal block
On-Board Storage	Built in micro SD/SDHC/SDXC slot up to 128GB
Reset	Yes

### General

Operating conditions	-30 °C – 60 °C (-22 °F – 140 °F)
Humidity	95% or less (non-condensing)
Power supply	12 VDC ± 25%, 5.5mm coaxial power plug, PoE (802.3af, 37V to 57V) (not included)
Power consumption	12 VDC, 0.35A, max. 12W
Protection level	IP67, IK10 TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection
IR Range	Up to 98 Feet
Dimensions	153.4 x 133.1mm (6.0 x 5.2")
Weight	Camera: Approx. 1330g (2.9 lbs) Camera with packaging: Approx. 1800g (4.0lbs)

### Dimensions

