

# IP-NC324-XD Series

## IP Fixed Lens Turret-Dome Cameras

### Features:

- Up to 4 megapixel high resolution
- Full HD 2560 x 1440 @ 30fps video
- Three streams
- 2.8mm or 4.0mm fixed lens
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- Backlight Compensation
- Region of interest
- DC12V & PoE
- H.265+, H.265, H.264+, H.264
- High performance EXIR LED
- Up to 98' IR range
- 3-axis adjustment
- IP67 weather-proof protection
- 2 Behavior analysis and face detection
- Micro SD/SDHC/SDXC card slot up to 128 GB

### 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	2.8mm or 4.0mm
2.8mm Lens FOV	2.8 mm: horizontal FOV: 98°, vertical FOV: 55°, diagonal FOV: 114°
4.0mm Lens FOV	4.0 mm: horizontal FOV: 78°, vertical FOV: 42°, diagonal FOV: 93°
Lens mount	M12
Day & Night	IR cut filter
Digital noise reduction	3D DNR
Wide Dynamic Range	120dB
Pan & Tilt Rotation	Pan: 0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°
Video compression	
Main stream	H.265 / H.264
Sub-stream	H.265 / H.264 / MJPEG
Third stream	H.265 / H.264
Video compression	H.264 / MJPEG / H.264+
Video Bit Rate	32 Kbps – 16 Mbps
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)
Day / Night switch	Auto / Schedule
Image settings	Rotate mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
Image enhancement	BLC / 3D DNR
ROI	Supported

### Ordering Information:

IP-NC324-XD	4MP IP Fixed 4.0mm Lens Turret-Dome Camera with IR, white housing
IP-NC324-XD-2.8	4MP IP Fixed 2.8mm Lens Turret-Dome Camera with IR, white housing
IP-NC324-XD-BLK	4MP IP Fixed 4.0mm Lens Turret-Dome Camera with IR, black housing
IP-NC324-XD-2.8-BLK	4MP IP Fixed 2.8mm Lens Turret-Dome Camera with IR, black housing



**Free Guarding  
Vision iOS / Android  
mobile app**



**1273ZJ-130-TRL**  
Wall mount for  
IP-NC324-XD



**1280ZJ-M**  
Junction box for  
IP-NC324-XD

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### 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

Communication Interface	1 RJ45 10M/100M Ethernet interface
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, class 3) (not included)
Power consumption	12 VDC, 0.5A, max. 6W PoE (802.3af, 37V to 57V), 0.2A to 0.1A, max. 7.5W
Protection level	IP67, IK10 TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection
IR Range	Up to 98 Feet
Camera Dimensions	127.3 × 95.9mm (5.0 × 3.8")
Package Dimensions	150 x 150 x 141mm (5.9 x 5.9 x 5.6")
Camera Weight	610g (1.3 lbs)
Packaged Weight	880g (1.9 lbs)

### Dimensions

