

IP-NC312-VDA

2MP IP Varifocal IR Dome Camera

Features:

- 2MP High Resolution
- HD real-time video
- 2.8 - 12mm Varifocal lens
- 3D DNR & DWDR & BLC
- IR Distance up to 98 Feet
- IP66 Weather rating
- Onboard storage up to 64GB
- PoE Compatible
- Vandal proof



Camera

Image sensor	1/2.8" Progressive Scan CMOS
Min. illumination	0.01Lux @ (F1.2, AGC ON) ,0 Lux with IR 0.014Lux @ (F1.4, AGC ON) ,0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Lens	2.8 - 12mm@ F1.4, Angle of view: 113° - 33.8°
Auto iris	DC drive
Day & Night	IR cut filter with auto switch
Digital noise reduction	3D DNR
Wide Dynamic Range	Digital WDR
Angle adjustment	Pan: 0° - 355°, tilt: 0° - 75°, Rotation: 0° - 365°
Video compression	H.264 / MJPEG
H.264 codec profile	Main/Basic profile
Video Bit Rate	32 Kbps – 8 Mbps
Audio compression	G.711/G.722/G.726/MP2L2
Audio bit rate	64Kbps(G.711)/16Kbps(G.722)/16Kbps(G.726)/32-128Kbps(MP2L2)



Image

Max. Image Resolution	1920 × 1080
Frame rate	50Hz: 25fps(1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720) 60Hz: 30fps(1920 × 1080), 30fps (1280 × 960), 30fps (1280 × 720)
Image settings	Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone configurable
ROI	Supported

Network

Network storage	NAS
Alarm trigger	Motion Detection, Tampering alarm,
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
System compatibility	ONVIF, PSIA, CGI, ISAPI
General functionalities	User authentication, watermark, dual stream

Interface

Communication Interface	1 RJ45 10M/100M Ethernet port
Onboard storage	Built-in Micro SD/SDHC/SDXC card slot, up to 64GB

General

Operating conditions	-30 °C – 60 °C (-22 °F – 140 °F)
Humidity	95% or less (non-condensing)
Power supply	12 VDC ± 10% , PoE (802.3af) (not included)
Power consumption	5.5W MAX (Max. 7.5W with IR cut filter on)
Impact protection	Up to IK10
Ingress Protection level	IP66
IR Range	Up to 98 Feet
Dimensions	142 × 99.9mm (5.6" × 3.94")
Weight	1000g (2.20 lbs)

Ordering Information:

IP-NC312-VDA	2MP IP Varifocal Dome Camera with IR
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1273ZJ-135B
Wall mount for
IP-NC312-VDA



1280ZJ-DM1
Junction box for
IP-NC312-VDA

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