

HD 4MP 24 IR

Vandal Dome IP Camera



NI4VD24-VVF



**Mechanical IR
Cut Filter (ICR)**

FEATURES

- **HD 2048x1536 @ 20fps**
- 4 Megapixel High Resolution
- 1/3" Progressive Scan CMOS
- 2.8~12mm Vari-Focal Lens
- 0.01 lux @ F1.2 (AGC on), 0 lux with IR
- 24 IR LED
- IR distance up to 60ft / 20m
- Mechanical IR Cut Filter (ICR)
- True WDR & 3D DNR & BLC
- Max. 5.5W
- 12V DC / POE (802.3af)
- IP66 & IK10 Rating



PAL version also available

SPECIFICATIONS

Model	NI4VD24-VVF
Image Sensor	1/3" Progressive Scan CMOS
Horizontal Resolution	4MP
Max. Image Resolution	2688×1520
Frame Rate	20fps (2688×1520), 30fps (1920×1080)
Shutter Time	1/30s ~ 1/100,000s
Minimum Illumination	0.01 lux @ (F1.2, AGC ON), 0 lux with IR
Day & Night	Built-in Mechanical IR Cut Filter (ICR)
Digital Noise Reduction	3D DNR
Wide Dynamic Range	True WDR, 120db
IR LED	24pcs IR
IR Distance	60ft / 20m
Lens Type	2.8 ~ 12mm @ F1.4, Angle of view: 98° ~ 30.5°
Angle Adjustment	Pan: 0° ~ 355°, tilt 0° ~ 75°
Video Compression	H.264 / MJPEG / H.264+
Dual Stream	Yes
Audio Compression	G.711 / G.726
Audio Bit Rate	64Kbps (G.711) / 16Kbps (G.726)
Image Settings	Saturation, brightness, contrast, sharpness adjustable through client software or web browser
BLC	Yes, Zone Optional
Network Storage	NAS
Alarm Trigger	Motion detection, tampering alarm, network disconnect, IP address conflict, Storage full, Storage error
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos
System Compatibility	ONVIF, PSIA, CGI
General Functionalities	User authentication, watermark, dual stream
Communication Interface	1 RJ45 10M/ 100 M Ethernet interface
On-board Storage	Built-in Micro SD slot, up to 128 GB
Audio Input / Output	1 / 1
Alarm Input / Output	1 / 1
Power Source	12 VDC ± 10%, PoE (802.3af)
Power Consumption	Max. 5.5W
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
IP Rating	IP66
Operating Temperature	-22°F ~ 140°F / -30°C ~ 60°C
Humidity	95% or less (non-condensing)
Dimension	5.6(Ø) x 3.9(H) inches / 142(Ø) x 99.9(H) mm
Net Weight	2.2 lbs / 1 kg

*Specifications and appearance are subject to change without notice