



**NI4VD24-VVF**



## FEATURES

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- **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

## SPECIFICATIONS - Product Code: NI4VD24-VVF

**PIC: IP-22**

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

\*Specifications and appearance are subject to change without notice.

## OPTIONAL ACCESSORIES



**BK-107**



**BK-108**



**BK-109**