



**NI4SD1H-V028**



## FEATURES

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- **HD 2688x1520 @ 20fps**
- 4 Megapixel High Resolution
- 1/2.8" Progressive Scan CMOS
- 2.8mm Fixed Lens
- 0.01 lux @ F1.2 (AGC ON), 0 Lux with IR
- 1 Matrix IR LED
- IR distance up to 100ft / 30m
- Mechanical IR Cut Filter (ICR)
- 3D DNR, True WDR 120dB
- Max. 5.5W (7W with ICR on)
- 12V DC / POE (802.3af)
- IP66 Rating

## SPECIFICATIONS - Product Code: NI4SD1H-V028

**PIC: IP-23**

<b>Model</b>	<b>NI4SD1H-V028</b>
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS
<b>Horizontal Resolution</b>	4MP
<b>Max. Image Resolution</b>	2688×1520
<b>Frame Rate</b>	20fps (2688×1520), 30fps (1920×1080)
<b>Shutter Time</b>	1/30s ~ 1/100,000s
<b>Minimum Illumination</b>	0.01 lux @ (F1.2, AGC ON), 0 lux with IR
<b>Day &amp; Night</b>	Built-in Mechanical IR Cut Filter (ICR)
<b>Digital Noise Reduction</b>	3D DNR
<b>Wide Dynamic Range</b>	True WDR 120dB
<b>IR LED</b>	1 Matrix IR LED
<b>IR Distance</b>	100ft / 30m
<b>Lens Type</b>	2.8mm @ F2.0, angle of view: 75.8°
<b>Angle Adjustment</b>	Pan: 0° ~ 360°, tilt 0° ~ 75°
<b>Video Compression</b>	H.264 / MJPEG / H.264+
<b>Dual Stream</b>	Yes
<b>Image Settings</b>	Saturation, brightness, contrast, sharpness adjustable through client software or web browser
<b>ROI</b>	Support
<b>BLC</b>	Yes, Zone Optional
<b>Network Storage</b>	NAS
<b>Alarm Trigger</b>	Motion detection, tampering alarm
<b>Protocols</b>	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos
<b>System Compatibility</b>	ONVIF, PSIA, CGI
<b>General Functionalities</b>	User authentication, watermark
<b>Communication Interface</b>	1 RJ45 10M/ 100 M Ethernet interface
<b>Power Source</b>	12 VDC ± 10%, PoE (802.3af)
<b>Power Consumption</b>	Max, 5.5W (7W with ICR on)
<b>IP Rating</b>	IP66
<b>Operating Temperature</b>	-22°F ~ 140°F / -30°C ~ 60°C
<b>Humidity</b>	95% or less (non-condensing)
<b>Dimension</b>	5(Ø) x 3.8(H) inches / 126.7(Ø) x 97.5(H) mm
<b>Net Weight</b>	1.5 lbs / 0.67kg

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

## OPTIONAL ACCESSORIES



**BK-105**



**BK-106**