



NI4SD1H-V028



**Mechanical IR
Cut Filter (ICR)**

FEATURES

- **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

Model	NI4SD1H-V028
Image Sensor	1/2.8" 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	1 Matrix IR LED
IR Distance	100ft / 30m
Lens Type	2.8mm @ F2.0, angle of view: 75.8°
Angle Adjustment	Pan: 0° ~ 360°, tilt 0° ~ 75°
Video Compression	H.264 / MJPEG / H.264+
Dual Stream	Yes
Image Settings	Saturation, brightness, contrast, sharpness adjustable through client software or web browser
ROI	Support
BLC	Yes, Zone Optional
Network Storage	NAS
Alarm Trigger	Motion detection, tampering alarm
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
Communication Interface	1 RJ45 10M/ 100 M Ethernet interface
Power Source	12 VDC ± 10%, PoE (802.3af)
Power Consumption	Max, 5.5W (7W with ICR on)
IP Rating	IP66
Operating Temperature	-22°F ~ 140°F / -30°C ~ 60°C
Humidity	95% or less (non-condensing)
Dimension	5(Ø) x 3.8(H) inches / 126.7(Ø) x 97.5(H) mm
Net Weight	1.5 lbs / 0.67kg

*Specifications and appearance are subject to change without notice