



**NI4D-V028**



**Mechanical IR  
Cut Filter (ICR)**

## FEATURES

- **HD TVI 2048 x 1536 @ 20fps**
- 4 Megapixel High Resolution
- 1/3" Progressive Scan CMOS
- 2.8mm Fixed Lens
- 0.01Lux @ F1.2 (AGC on), 0 Lux with IR
- 10 IR LED
- IR distance up to 30ft / 10m
- Mechanical IR Cut Filter (ICR)
- True WDR & 3D DNR & BLC
- Max. 5W
- 12V DC / POE (802.3af)
- IP66 Rating & IK08

## SPECIFICATIONS

<b>Model</b>	<b>NI4D-V028</b>
<b>Image Sensor</b>	1/3" Progressive Scan CMOS
<b>Horizontal Resolution</b>	4MP
<b>Max. Image Resolution</b>	2688x1520
<b>Frame Rate</b>	20fps (2688x1520), 30fps (1920x1080)
<b>Shutter Time</b>	1/25s ~ 1/100,000s
<b>Minimum Illumination</b>	0.01lux @ 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>	10pcs IR
<b>IR Distance</b>	30ft / 10m
<b>Lens Type</b>	2.8mm Fixed Lens
<b>Video Compression</b>	H.264 / MJPEG / H.264+
<b>Audio Compression</b>	G.711/G.726/MP2L2
<b>Audio Bit Rate</b>	64Kbps(G.711) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
<b>Dual Stream</b>	Yes
<b>Image Settings</b>	Saturation, brightness, contrast, sharpness adjustable through client software or web browser
<b>BLC</b>	Yes, Zone Optional
<b>Network Storage</b>	NAS
<b>Alarm Trigger</b>	Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception, storage error
<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>	Flickerless, dual stream, heartbeat, mirror, user authentication, video mask, watermark
<b>Communication Interface</b>	1 RJ45 10M / 100M ethernet port
<b>On-board Storage</b>	Built-in Micro SD card slot, up to 128 GB
<b>Power Source</b>	12 VDC ± 10%, PoE (802.3af)
<b>Power Consumption</b>	Max. 5W
<b>Impact Protection</b>	IEC60068-2-75Eh, 50J; EN50102, up to IK08
<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>	3.9(W) x 3.8(H) x 2.1(D) inches / 99.3(W) x 96.7(H) x 52.8(D) mm
<b>Net Weight</b>	0.55 lbs / 0.25 kg

\*Specifications and appearance are subject to change without notice