



NI3D-V028



FEATURES

- **HD 2048 x 1536 @ 20fps**
- 3 Megapixel High Resolution
- 1/3" Progressive Scan CMOS
- 2.8mm Fixed Lens
- 0.07 Lux @ F1.2 (AGC ON), 0 Lux with IR
- 10 IR LED
- IR distance up to 30ft / 10m
- Mechanical IR Cut Filter (ICR)
- 3D DNR, Digital WDR, Alarm I/O
- Max. 5W
- 12V DC / PoE (802.3af)
- IP66 Rating

SPECIFICATIONS - Product Code: NI3D-V028

PIC: IP-11

Image Sensor	1/3" Progressive Scan CMOS	Image Settings	Saturation, brightness, contrast, sharpness adjustable through client software or web browser
Horizontal Resolution	3.0MP	ROI	Support
Max. Image Resolution	2048 x 1536	BLC	Yes, Zone Optional
Frame Rate	60Hz: 20fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720) 50Hz: 20fps (2048 x 1536), 25fps (1920 x 1080), 25fps (1280 x 720)	Network Storage	NAS (iSCSI optional)
Shutter Time	1/25s ~ 1/100,000s	Alarm Trigger	Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception
Minimum Illumination	0.07 Lux @ F1.2 (AGC ON), 0 Lux with IR	Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6, Bonjour
Day & Night	Built-in Mechanical IR Cut Filter (ICR)	System Compatibility	ONVIF, PSIA, CGI, ISAPI
Digital Noise Reduction	3D DNR	General Functionalities	Flickerless, heartbeat, mirror, user authentication, video mask, watermark
Wide Dynamic Range	Digital WDR	Communication Interface	1 RJ45 10M / 100M ethernet port
IR LED	10pcs IR	On-board Storage	Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB
IR Distance	30ft / 10m	Alarm Input / Output	1 / 1
Lens Type	2.8mm Fixed Lens	Power Source	12 VDC ± 10%, PoE (802.3af)
Lens Mount	M12	Power Consumption	Max. 5W
Video Compression	H.264 / MJPEG	Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK08
H.264 Codec Profile	Main Profile	IP Rating	IP66
Bit Rate	32 Kbps ~ 12 Mbps	Operating Temperature	-22°F ~ 140°F / -30°C ~ 60°C
Audio Compression	G.711/G.726/MP2L2	Humidity	95% or less (non-condensing)
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726) / 32-128Kbps(MP2L2)	Dimension	3.9(W) x 3.8(H) x 2.1(D) inches 99.3(W) x 96.7(H) x 52.8(D) mm
Dual Stream	Yes	Net Weight	1.3 lbs / 0.6 kg

*Specifications and appearance are subject to change without notice.

DIAGRAM

