



NI3FD30-V028



**Mechanical IR
Cut Filter (ICR)**

FEATURES

- **HD TVI 2048 x 1536 @ 20fps**
- 3 Megapixel High Resolution
- 1/2.8" Progressive Scan CMOS
- 2.8mm Fixed Lens
- 0.19 Lux @ F2.0 (AGC ON), 0 Lux with IR
- 30 IR LED
- IR distance up to 100ft / 30m
- Mechanical IR Cut Filter (ICR)
- 3D DNR, Digital WDR
- Max. 5W (max. 7W with ICR on)
- 12V DC / PoE (802.3af)
- IP66 Rating

SPECIFICATIONS

Model	NI3FD30-V028
Image Sensor	1/3" Progressive Scan CMOS
Horizontal Resolution	3.0MP
Max. Image Resolution	2048 x 1536
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)
Shutter Time	1/25s ~ 1/100,000s
Minimum Illumination	0.19 Lux @ F2.0 (AGC ON), 0 Lux with IR
Day & Night	Built-in Mechanical IR Cut Filter (ICR)
Digital Noise Reduction	3D DNR
Wide Dynamic Range	Digital WDR
IR LED	30pcs IR
IR Distance	65~100ft / 20~30m
Lens Type	2.8mm Fixed Lens / F2.0 (2048 x 1536 Angle of view: 86° / 1920 x 1080 Angle of view: 98.5°)
Lens Mount	M12
Angle Adjustment	Pan: 0°~355° ; Tilt: 0°~65°
Video Compression	H.264 / MJPEG
H.264 Codec Profile	Main Profile
Bit Rate	32 Kbps ~ 12 Mbps
Dual Stream	Yes
Image Settings	Saturation, brightness, contrast adjustable through client software or web browser
ROI	Support
BLC	Yes, Zone Optional
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos (SIP, SRTP, IPv6 optional)
System Compatibility	ONVIF, PSIA, CGI
General Functionalities	Flickerless, heartbeat, mirror, user authentication, video mask, watermark
Communication Interface	1 RJ45 10M / 100M ethernet port
Power Source	12 VDC ± 10%, PoE (802.3af)
Power Consumption	Max. 5.5W
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
IP Rating	IP66
Operating Temperature	-22°F ~ 140°F / -30°C ~ 60°C
Humidity	95% or less (non-condensing)
Dimension	4.4(Ø) x 3.2(H) inches / 111(Ø) x 82.4(H) mm
Net Weight	1.1 lbs / 0.5kg

*Specifications and appearance are subject to change without notice