



NI3B-V040



**Mechanical IR
Cut Filter (ICR)**

FEATURES

- **HD TVI 2048 x 1536 @ 20fps**
- 3 Megapixel High Resolution
- 1/3" Progressive Scan CMOS
- 4.0mm Fixed Lens
- 0.07 Lux @ F1.2 (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
- 12V DC / PoE (802.3af)
- IP66 Rating

SPECIFICATIONS

Model	NI3B-V040
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	0.07 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	Digital WDR
IR LED	30pcs IR
IR Distance	100ft / 30m
Lens Type	4.0mm Fixed Lens / F2.0 (2048 x 1536 Angle of view: 70° / 1920 x 1080 Angle of view: 79°)
Lens Mount	M12
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, sharpness 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	User authentication, watermark, flickerless, heartbeat, mirror
Communication Interface	1 RJ45 10M / 100M ethernet port
Power Source	12 VDC ± 10%, PoE (802.3af)
Power Consumption	Max. 5W
IP Rating	IP66
Operating Temperature	-22°F ~ 140°F / -30°C ~ 60°C
Humidity	95% or less (non-condensing)
Dimension	2.4(W) x 2.4(H) x 6.4(L) inches / 62(W) x 2(H) x 162.5(L) mm
Net Weight	0.7 lbs / 0.3 kg

*Specifications and appearance are subject to change without notice