



NID318

5MP Indoor IR Dome Network Camera

1/3.2" Lumii sensor, H.264, triple streaming, 10m (33ft) IR, ICR day/night, WDR, 3DNR, SDHC/SDXC card slot

MESSOA NID318 5MP Indoor IR Dome network camera features night vision for low profile, detail-demanding applications in low light. The 5-megapixel resolution allows maximum image detail and coverage for mission critical installations. Measuring 12.6cm in diameter while sticking out merely 5.6cm from the ceiling, the ultra-compact NID318 is ideal for discreet surveillance, while combining enhanced WDR and 3DNR to deliver optimized images in challenging lighting conditions. The camera also features a unique spherical lens stand, allowing installers to adjust the camera angle flexibly for achieving the desired field of view when mounted on ceiling.



10m Night Vision with Even IR Illumination

The camera is built in with high-power IR LED to deliver superior night vision up to 10 meters. The IR LED evenly illuminates the environment for effective indoor surveillance in complete darkness.



Ultra Wide Dynamic Range

Compared with standard WDR, the new generation WDR features sophisticated algorithm to further expand its dynamic range of the lighting conditions. It allows the camera capturing greater scene details in high contrast settings or in scenes with extremely bright and dark areas.



3-dimensional Lens Adjustment

The megapixel lens sits on top of a unique spherical stand featuring full-ranged, 3-dimensional pan/tilt maneuvering capability, which enables the installers to adjust the camera angle freely when mounted on ceiling.



SDHC/SDXC Card Support

The camera supports onboard storage to record images and/or video clips with the built in memory card slot for high-capacity SDHC/SDXC card up to 64GB. Recording could be initiated upon motion-detected events or network loss. The saved data can be easily managed via remote access.

Specifications

Video	
Sensor Type	1/3.2" progressive scan CMOS sensor
Active Pixels	2592 x 1944 (HxV)
Compression	H.264 / MJPEG
Streaming	Triple simultaneous streams with multiple video profile
Resolution	2592x1944, QXGA(2048x1536), 1080P, 1280x960, 720P, SVGA(800x 600), VGA(640x480), 640x360, QVGA(320x240), 320x180
Max. Frame Rate	5MP 4:3 (2592x1944) at 12 fps 3MP 4:3 (2048x1536) at 15 fps 2MP Full HD 16:9 (1920x1080) at 30/25fps (NTSC/PAL)
Day/Night	Mechanical (ICR) D/N Control
Day/Night Mode	Auto / BW / Color
Shutter Time	1/10,000s to 1/7.5s Selectable (60Hz); 1/10,000s to 1/6.25s Selectable (50Hz)
Minimum Illumination	IR LED OFF: Color: 0.4 lux at 50 IRE, 0.08 lux at 10 IRE, F1.8 (Shutter speed: 1/15 sec) IR LED ON: 0 Lux
Bit Rate Control	CBR, VBR
Lens	
Lens Type	Built-in; fixed focal
Focal Length	f=2.8mm, F1.8
View Angle	H: 78° / V: 43°
IR LEDs	
LED Quantity	4pcs (850nm)
IR Distance	10 meters (33 ft.)
IR turn on status	Under 5 Lux by auto control
LED Life	More than 10,000 hours
Image Enhancement	
Image Settings	AES, AWB, AGC Exposure Mode: AES / ALC / Flickerless / Manual; White Balance: Auto / Manual; Backlight Compensation; Configurable Brightness, Contrast, Hue, Saturation, and Sharpness, Gamma Correction
WDR	Enhanced Digital WDR
DNR	3DNR
Privacy Zone	Yes, up to 8 privacy zones
Image Orientation	Mirror, Flip
Frequency Control	NTSC (60Hz) / PAL (50Hz)
Date & Time Stamp	Yes
Intelligent Video & Event Management	
Motion Detection	Yes, 3-level sensitivity
Ethernet Detection	Network loss detection
Others	Optimized i-frame (GOP) setting
Events	Motion detection
Event Actions	Event snapshot to remote FTP storage/email recipients, HTTP event query, HTTP event client pulling
Store Category	Event snapshot, Manual Snapshot, Manual Recording
Local Storage*	
Memory Card Slot	SDXC/SDHC card support (Card not included)

Memory Card Overwrite	Yes
Network	
Protocol	ARP, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, RTSP/RTCP/ RTP, QoS, SMTP, SNMP, TCP, TLS/TLS, UDP, UPnP, IEEE802.1X
Ethernet	IEEE 802.3, 10Base-T/100Base-TX Ethernet connection for LAN / WAN, 1 x RJ45
ONVIF	Yes
Browser	Internet Explorer, Chrome, Firefox
Security	Multiple user access levels with password protection; IP address filtering IEEE 802.1X network access control, HTTPS encryption, and digest authentication
I/O & Controls	
Power	All-in-one tail cable out, Female RJ-45
Power LED Indicator	System power and status indicator
Network	Female RJ-45
System Reboot	Reset x 1
Factory Default	Default x 1, pressing 5 sec for loading factory default
Power	
Power Requirement	PoE (IEEE 802.3af), class 0
Power Consumption (Max.)	7W
Mechanical	
Dimensions(ΦxH)	Ø126mm x 56mm (Φ4.96" x 2.20")
Weight	300g (0.66 lb)
3-Axis	Yes
Pan/Tilt Adjustment	Pan:-177°~177°(Max.), Tilt: 35°~90°(Max.), Rotate: -177°~177°(Max.)
Environmental	
Operating Temperature	-10°C ~ 50°C (-14°F ~ 122°F)
Operating Humidity	90% RH, non-condensing
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Regulatory	
Approvals	CE, FCC, RoHS, UL/cUL
Ordering Information	
Model No.	NTSC: NID318-N3-MES; PAL: NID318-P3-MES
Accessories	Surface mount: standard package support

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1. Memory card not included.
2. No memory card slot & local storage function for Argentina and Ecuador

Dimensions

