MESSOA

NCB358

5-Megapixel Fixed Network Camera

1/3.2" Lumii sensor, H.264, triple streaming, WDR, 3DNR, ICR day/night, SDXC/SDHC card slot

Lens sold separately

The NCB358 is a professional 5-megapixel fixed camera designed for any indoor applications where the need for image details is indispensable, delivering superior high definition video quality up to 30fps. A true day/night camera, the NCB358 features enhanced sensitivity backed by proprietary Lumii™ Low Light Technology and 3DNR to provide unprecedented image clarity under the cover of darkness. The NCB358 can be used both indoor and outdoor when mounted with compatible outdoor housing to help protect the camera in challenging environments. Other supported features include Ultra WDR, triple streaming with multiple profile settings, and local storage.

3 year warranty

ONVIF

3D Noise Reduction

The 3DNR technology takes traditional DNR a step further, removing digital artifacts and grainy appearance from frame to frame, while maintaining image sharpness at low light settings, which results in more efficient bandwidth utilization and less storage space consumption.

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.

True Day/Night with Mechanical ICR

AFeaturing IR Cut Filter Removable (ICR) function, the camera is perfect for capturing truer color images at day time by filtering out IR. At night, IR is allowed for the camera working in B/W mode and being more sensitive to IR, thereby capturing clearer monochrome images.

Triple Streaming with Multiple Video Profiles

The camera supports H.264 and MJPEG streams and allows triple streaming simultaneously. Video streams can be further managed in profiles, enabling flexibility for users to designate bandwidth storage, and other video properties as appropriate.

Triple Power Option

In addition to 12V DC and 24V AC, the camera is also designed to support PoE (Power over Ethernet) to provide ample power to the camera, greatly reducing installation costs while adding flexibility to the camera deployment at the same time.

Specifications

Video

Sensor Type	1/3.2" progressive scan CMOS sensor
Active Pixels	2592x1944 (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	Color: 0.15 lux at 50 IRE, 0.03 lux at 10 IRE, F1.2; B/W: 0.03 lux at 50 IRE, 0.006 lux at 10 IRE, F1.2 (Shutter speed: 1/15 sec)
Video Output	Color: NTSC: 720 X 480 @30fps; PAL: 720 X 576 @25fps
Bit Rate Control	Controllable bit rate dynamics: CBR, VBR

Lens

IRIS Control	DC IRIS
Lens Mount	CS Mount; External back-focus adjustment

Audio

Audio Communication	Two-way Audio
Compression	G.711 PCM 8kHz, a/µ-law support
Audio In/Out	External microphone and speaker

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	Configurable 3DNR setting
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-sensitivity
Ethernet Detection	Network loss detection
Others	Smart Focus, Optimized i-frame (GOP) setting
Events	Motion detection, ethernet detection, external alarm
Event Actions	Event snapshot to remote FTP storage/ email recipients, Edge recording to SD card, HTTP event query, HTTP event client pulling
Store Category	Event snapshot, Edge recording, Manual Snapshot, Manual Recording

Local Storage

Memory Card Slot	SDXC/SDHC card support
Memory Card Overwrite	Yes

Network

Protocol	ARP, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, RTSP/RTCP/RTP, QoS, SMTP, SNMP, TCP, UDP, UPnP, IEEE802.1X
Ethernet	10Base-T/100Base-TX Ethernet connection for LAN / WAN, RJ-45
ONVIF	Yes
Browser	Internet Explorer, Chrome, Firefox, Safari
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	3-pin spring terminal/ Female RJ-45 10BASE-T/100BASE-TX PoE
Power LED Indicator	System power and status indicator
Alarm In/Out	Terminal block 1 in / 1 relay out (30V, 1A)
Network	RJ-45 with LED Indicator
Audio In/Out	Terminal block 1 in / 1 out
Analog Video	BNC X1, 1.0Vp-p, 75Ω
System Reboot	Reset x 1
Factory Default	Default x 1, pressing 5 sec for loading factory default

Power

Power Requirement	DC 12V & AC 24V ± 10% / PoE (IEEE 802.3af, class 0)
Power Consumption (Max.)	6W

Mechanical

Dimensions(WxDxH)	125 x 69 x 56 mm (4.9" x 2.7" x 2.2")
Weight	400g (0.88 lb) w/o lens

Environmental

Operating Temperature	-10ºC ~ 50ºC (-14ºF ~ 122ºF)
Operating Humidity	90% RH, non-condensing
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)

Regulatory

Approvals	CE, FCC, RoHS

Ordering Information

Model No.	NTSC: NCB358-N5-MES; PAL: NCB358-P5-MES
Accessories	Wall Mount Bracket: SAB748-02 Outdoor Housing: SAH725 IR Illuminator Housing: SLI070HB

Dimensions

69 mm (2.71")
56 mm (2.20")
65 mm (2.55")
125 mm (4.92")