



Lens sold separately

## NCB858

### 5-Megapixel Fixed Network Camera

1/3.2" Lumii Sensor, 5MP, H.264, triple streaming, Mechanical ICR day/night, WDR, face detection

The NCB858 fixed network camera features superior 5MP resolution, delivering the ultimate image sharpness and view coverage like no others. It is perfect for any indoor applications where the need for image quality and details is indispensable. The Lumii™ Technology further enhances the camera sensitivity to ensure clear and noise-free images in tough lighting conditions at all times. The NCB858 also features the advanced face detection to keep users informed of any unwanted intruder. Other supported features include memory card slot, two-way audio, and more.



#### Superior Video Quality

The 5-megapixel camera provides maximum detail for large covered areas. The camera is further backed by the proprietary Lumii Technology to enhance its low lux performance as every detail comes through in unprecedented clarity.



#### Intelligent Face Detection

In addition to a variety of intelligent detection functions, the NCB858 also features face detection that would trigger alerts to users and take configurable actions upon capturing any unwanted intruders.



#### Mechanical IR Cut Filter

Featuring IR Cut Filter Removable (ICR) function, the camera uses a mechanical way to detect changes in lighting conditions, and then switches between color and B/W modes. It provides perfect color images at day time and crisp monochrome images at night or very dark environment.



#### Cost-saving H.264 Support

The NCB858 supports the H.264 compression standard, which significantly reduces the size of video compared to MJPEG and MPEG4 without compromising image quality. Storage and bandwidth needs are reduced.

## Specifications

Video	
Sensor Type	1/3.2" Image Sensor Optimized For Low-Light Performance
Active Pixels	2592x1944 (HxV)
Compression	H.264 / MPEG4 / Motion JPEG
Streaming	Triple simultaneous streams
Resolution	2592x1944 (5MP), 2048x1536 (3MP), 1080p, SXVGA, 720P, XGA, SVGA, D1, VGA, 2CIF, CIF
Max. Frame Rate	5MP 4:3 (2592x1944) at 10 fps (NTSC) and 10 fps (PAL) 3MP 4:3 (2048x1536) at 20 fps (NTSC) and 20 fps (PAL) 2MP 16:9 (1920x1080) at 30 fps (NTSC) and 25 fps (PAL)
Day/Night	Mechanical (ICR) D/N Control
Day/Night Mode	Auto/ Forced BW/ Forced Color/ External
Shutter Time	1/10000s to 1/3.75s Selectable (60Hz); 1/10000s to 1/3.125s Selectable (50Hz)
Minimum Illumination	Color: 0.25 Lux @10IRE; 0.60Lux @50IRE (F1.2, Shutter Speed: 1/15sec) B/W: 0.20Lux @10IRE; 0.50Lux @50IRE (F1.2, Shutter Speed: 1/15sec)
Video Output	NTSC: 720 X 480 @30fps; PAL: 720 X 576 @25fps
Bit Rate Control	Primary stream bit rate control: CBR/VBR
Lens	
IRIS Control	DC IRIS
Lens Mount	CS Mount; Adjustable lens back focus
Audio	
Audio Communication	Two-Way Mono Audio, Full-Duplex
Compression	G.711, PCM, 8kHz
Audio In/Out	External microphone and speaker
Image Enhancement	
Image Settings	AWB, AES, AGC Exposure Mode: Auto/Manual; White Balance: Auto/Manual; Backlight Compensation: 5x5 zones selectable; Sharpness, Saturation, Brightness, Contrast: 255 level sensitivity
Digital WDR	Yes; 5 level sensitivity
Privacy Zone	Yes; customized threshold privacy zone
Image Orientation	Mirror, Flip
Frequency Control	50Hz, 60Hz
Date & Time Stamp	Yes
Intelligent Video & Event Management	
Motion Detection	5 x 5 zones, 5 level sensitivity or customized threshold
Face Detection	3 level sensitivity
Audio Detection	5 level sensitivity or customized threshold
Blur Detection	Customized sensitivity in seconds
Ethernet Detection	Network loss detection
Smart Encoding	Configurable ROI for better picture quality
Others	Snapshot, Smart Focus, e-PTZ, Optimized i-frame setting
Events	Motion detection, face detection, audio detection, blur detection, Ethernet detection, external alarm

Event Actions	File upload via FTP, SMTP and SD Card; Notification via email, HTTP and TCP External output activation; Video and audio recording to SD Card
Store Category	Alarm / Motion / Schedule/ Un-interrupt recording Stores video clips and snapshots
Local Storage	
Memory Card Slot	Micro SD / Micro SDHC Card up to 32 GB
Memory Card Overwrite	Yes
Network	
Protocol	IPv4, TCP/IP, UDP, HTTP, SMTP, DNS, DHCP, NTP, FTP, RTP, RTSP, RTCP, ICMP, UPnP
Ethernet	10Base-T/100Base-TX Ethernet connection for LAN / WAN, RJ-45
PoE	IEEE 802.3af, Class 3
ONVIF	Yes
Browser	IE Browser 6.0 or Above
Security	Two-level access with password protection
I/O & Controls	
Power	Screwless Terminal block
Power LED Indicator	Yes
Alarm In/Out	Terminal Block 2 in / 1 out
Network	RJ-45 with LEDs
Audio In/Out	3.5mm Phone Jack 1 in / 1 out
RS-485	Reserved
Analog Video	BNC X1, 1.0Vp-p, 75Ω
Reset	Within 5 secs to reboot; More than 5 secs to load default
Power	
Power Requirement	DC 12V & AC 24V ± 10% / PoE(IEEE 802.3af)
Power Consumption (Max.)	6W
Mechanism	
Dimensions (WxDxH)	114 x 66 x 65 mm (4.5" x 2.6" x 2.6")
Weight	320g (0.70 lb) w/o lens
Battery Backed-up Real-time Clock	Yes; External RTC
Environment	
Operating Temperature	-10°C ~ 50°C (-14°F ~ 122°F)
Operating Humidity	10~ 90% RH
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Regulatory	
Approvals	CE, FCC, RoHS
Order Information	
Model No.	NTSC: NCB858-HN5-MES; PAL: NCB858-HP5-MES
Accessories	Wall Mount Bracket: SAB748-02 Outdoor Housing: SAH722/SAH725 IR Illuminator Housing: SLI070HB

\*Function not available for models sold in Argentina

## Dimensions

