

## NCB858

### 5-Megapixel Fixed Network Camera



5MP, H.264, triple streaming, WDR, Mechanical ICR day/night, face detection

Lens sold separately

The NCB858 fixed network camera features superior 5-megapixel resolution, delivering the ultimate image sharpness and view coverage like no others. The NCB858 is perfect for any indoor applications where the requirement for image quality and details is indispensable. The proprietary Lumii™ Technology further enhances the camera sensitivity to ensure clear and noise-free images in tough lighting conditions. The NCB858 also features the advanced face detection to keep you informed of any unwanted intruder. Other supported features include microSD/SDHC card slot, video out, and two-way audio.



#### Superior Video Quality

See clear and detailed, HD quality images in all lighting conditions. The 5 megapixel camera is backed by proprietary Lumii image processing technology to enhance its low light 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" sensor optimized for low-light performance
Active Pixels	2592x1944 (HxV)
Compression	H.264, MPEG-4, MJPEG
Streaming	Triple simultaneous streams
Resolution	2592x1944 (5MP), 2048x1536 (3MP), 1080p, SXVGA, 720p, XGA, SVGA, D1, VGA, 2CIF, CIF
Max. Frame Rate	5MP (2592x1944) at 10/10 fps (NTSC/PAL) 2MP (1920x1080) at 15/12.5 fps (NTSC/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 Illum.	0.08 Lux @30IRE; 0.20 Lux @50IRE (Shutter Speed: 1/15 sec)
Video Output	NTSC: 720 X 480 @30fps; PAL: 720 X 576 @25fps
Bit Rate Control	CBR/VBR (Primary Stream)
Lens Mount	CS Mount; Adjustable lens back focus
Audio	
Audio Comm.	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, white balance, backlight compensation, brightness, contrast, sharpness, saturation, digital WDR, privacy zone
Image Orientation	Mirror, Flip
Frequency Control	50Hz, 60Hz
Date & Time Stamp	Yes
Intelligent Video	
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
Event	
Event Trigger	Motion detection, face detection, audio detection, blur detection, Ethernet detection, external alarm

Event Management	File upload via FTP, SMTP and SD Card Notification via email, HTTP over TCP and external alarm; Video and audio recording to SD Card
Local Storage*	
Memory Card Slot*	MicroSD/SDHC Card up to 32 GB
Overwrite	Yes
Recording Trigger	Alarm, Event, Schedule
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	2-pin Terminal Block
Alarm In/Out	2/1, Terminal Block
Network	RJ-45 with LEDs
Audio In/Out	1/1, 3.5mm phone jack
RS-485	Terminal Block (Reserved)
Analog Video	BNC x 1, 1.0Vp-p, 75 ohm
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	6W max.
Mechanical	
Dimensions(DxH)	114 x 66 x 65 mm (4.5" x 2.6" x 2.6")
Weight	320g (0.70 lb) w/o lens
Environmental	
Operating Temp.	-10°C ~ 50°C (-14°F ~ 122 °F)
Operating Humidity	10~ 90% RH
Storage Temp.	-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

