

## NCB855PRO

### Full HD 1080p, Fixed Indoor Box Network Camera

1/2.7" 2MP Lumii sensor, 1080p, H.264, triple streaming, Mechanical day/night, WDR, smart focus, ePTZ, intelligent detection, micro SD/SDHC card slot, 2-way audio



ONVIF



The NCB855PRO 1080p network camera is equipped with a mechanical (ICR) day/night switch, making it ideal for 24/7 surveillance over the network. It suits any indoor applications where maximum image quality and efficient bandwidth usage is vital. At night and in low lighting conditions, its high sensitivity sensor ensures clear and noise free images. Meanwhile, crisp images also consume less bandwidth and storage. It also comes with various detection functions to keep you informed upon events. Other supported features include micro SD/SDHC card slot, video out and two-way audio.

Features		
2MP Lumii sensor	TI DSP	Megapixel
H.264 MPEG4 MJPEG	Full HD	Smart Focus
Ethernet Detection	Audio Detection	Blur Detection
Motion Detection	Networking	e-PTZ
0.08 Lux Minimum illumination	ICR	Alarm
PoE	Video Out	2-Way audio
Micro SDHC Card		

#### ■ Lumii™ II Technology

Our Lumii™ technology delivers high sensitivity images without blur. Lumii™ helps increase the sensitivity and reduces video noise in low light conditions. Night images become bright and clear.

#### ■ Full HD 1080p Images

See clear and detailed, full HD, quality images in all conditions. Unlike traditional megapixel cameras, full HD offers higher resolutions and better frame rates at an international industry standard. Blurry images are reduced and individuals and objects of interest come through in perfect clarity.

#### ■ 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.

#### ■ Versatility with PoE

Built in support for Power Over Ethernet reduces cost and adds flexibility to the camera. A single cable connection is used to view, power, and control the camera. Installation cost and space are reduced since there is no need for separate cables. Ensure 24 hour a day surveillance even during a power failure when connected to an Uninterruptible Power Supply.

#### ■ ONVIF Compliant

ONVIF is an open industry forum for the development of a global standard for the interface of network video products. The NCB855PRO supports ONVIF thus allowing interoperability between network video products regardless of brand.

#### ■ Intelligent Video Management

The NCB855PRO has a variety of intelligent detection functions, including motion, audio, blur and network disconnection detection. Event-specific or region-specific monitoring enables you to receive alerts upon event and saves storage cost by only recording when a specific event happens.

#### ■ Micro SD/SDHC Card Support

Record JPEG images or video clips for several days with the built in micro SD/SDHC card slot for up to 32 GB. Keep recording and prevent data loss even when the network goes down. Moreover, the camera's built-in FTP server enables users to view the saved files conveniently from a remote site.

#### ■ Cost-saving H.264 Support

The NCB855PRO supports the H.264 compression standard. H.264 greatly reduces the size of video compared to MJPEG and MPEG4 without compromising image quality. Storage and bandwidth needs are reduced. Plus, H.264 is expected to become the video standard of choice, so your camera is future proofed.

## Specifications

<b>Video</b>	
<b>Sensor Type</b>	1/2.7" 2MP sensor optimized for low-light performance
<b>Active Pixels</b>	1920x1080 (HxV)
<b>Compression</b>	H.264, MPEG-4, MJPEG
<b>Streaming</b>	Triple simultaneous streams
<b>Resolution</b>	1080p, SXVGA, 720P, XGA, SVGA, D1, VGA, 2CIF, CIF
<b>Max. Frame Rate</b>	30/25 fps at 1920x1080 (NTSC/PAL)
<b>Day/Night</b>	Mechanical (ICR) D/N Control
<b>Day/Night Mode</b>	Auto, Forced BW, Forced Color, External
<b>Shutter Time</b>	1/10000s to 1/3.75s Selectable (60Hz); 1/10000s to 1/3.125s Selectable (50Hz)
<b>Minimum Illumination</b>	0.08 lux @30IRE; 0.20 lux @50IRE (F1.2, Shutter Speed: 1/15sec)
<b>Video Output</b>	NTSC: 720 X 480; PAL: 720 X 576
<b>Bit Rate Control</b>	CBR/VBR (Primary Stream)
<b>Lens Mount</b>	CS Mount; Adjustable lens back focus
<b>Audio</b>	
<b>Audio Communication</b>	Two-Way Mono Audio, Full-Duplex
<b>Compression</b>	G.711, PCM, 8kHz
<b>Audio In/Out</b>	External microphone and speaker
<b>Image Enhancement</b>	
<b>Image Settings</b>	AWB, AES, AGC Exposure mode, white balance, backlight compensation, brightness, contrast, sharpness, saturation, digital WDR, privacy zone
<b>Image Orientation</b>	Mirror, Flip
<b>Frequency Control</b>	50Hz, 60Hz
<b>Date &amp; Time Stamp</b>	Yes
<b>Intelligent Video</b>	
<b>Motion Detection</b>	5x5 zones, 5 level sensitivity or customized threshold
<b>Audio Detection</b>	5 level sensitivity or customized threshold
<b>Blur Detection</b>	Customized sensitivity in seconds
<b>Ethernet Detection</b>	Network loss detection
<b>Smart Encoding</b>	Configurable ROI
<b>Others</b>	Smart Focus, e-PTZ
<b>Event</b>	
<b>Event Trigger</b>	Motion detection, audio detection, blur detection, Ethernet detection, external alarm
<b>Event Management</b>	File upload via FTP, SMTP and SD Card Notification via email, HTTP over TCP and external alarm
<b>Local Storage</b>	
<b>Memory Card Slot</b>	MicroSD/SDHC Card up to 32 GB
<b>Memory Card Overwrite</b>	Yes
<b>Recording Trigger</b>	Alarm, Event, Schedule
<b>Network</b>	
<b>Protocol</b>	IPv4, TCP/IP, UDP, HTTP, SMTP, DNS, DHCP, NTP, FTP, RTP, RTSP, ICMP, UPnP
<b>Ethernet</b>	10Base-T/100Base-TX Ethernet, RJ-45, auto-sensing
<b>PoE</b>	IEEE 802.3af, Class 3
<b>ONVIF</b>	Yes
<b>Browser</b>	IE Browser 6.0 or Above
<b>Security</b>	Two-level access with password protection

<b>I/O &amp; Controls</b>	
<b>Power</b>	2-pin Terminal Block
<b>Alarm In/Out</b>	2/1, Terminal Block
<b>Network</b>	RJ-45 with LEDs
<b>Audio In/Out</b>	1/1, 3.5mm phone jack
<b>RS-485</b>	Terminal Block (Reserved)
<b>Analog Video</b>	BNC x 1, 1.0Vp-p, 75 ohm
<b>Reset</b>	Within 5 secs to reboot, ; More than 5 secs to load default
<b>Power</b>	
<b>Power Requirement</b>	DC 12V & AC 24V ± 10% / PoE(IEEE 802.3af)
<b>Power Consumption (Max.)</b>	6W
<b>Mechanism</b>	
<b>Dimensions(DxH)</b>	114 x 66 x 65 mm (4.5" x 2.6" x 2.6")
<b>Weight</b>	320g (0.70 lb) w/o lens
<b>Environment</b>	
<b>Operating Temperature</b>	-10°C ~ 50°C (-14°F ~ 122 °F)
<b>Operating Humidity</b>	10 ~ 90% RH
<b>Storage Temperature</b>	-20°C ~ 60°C (-4°F ~ 140 °F)
<b>Regulatory</b>	
<b>Approvals</b>	CE, FCC, RoHS
<b>Order Information</b>	
<b>Model No.</b>	NTSC: NCB855PRO-HN5-MES; PAL: NCB855PRO-HP5-MES
<b>Accessories</b>	Wall Mount Bracket: SAB748-02 Outdoor Housing: SAH722/ SAH725 IR Illuminator Housing: SLI070HB

## Dimension

Unit: mm (inch)

