

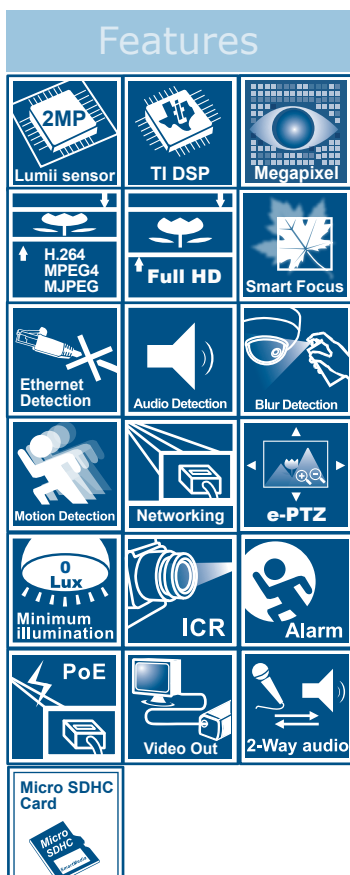
## NCR875PRO

### Full HD 1080p, IR Bullet Network Camera

1/2.7" 2MP Lumii sensor, 1080p, H.264, triple streaming, f:3~9mm, 25M (82ft) IR, mechanical (ICR) day/night, WDR, ePTZ, intelligent detection, micro SD/SDHC card slot, 2-way audio



Supporting H.264 compression method, the NCR875PRO network camera is capable of delivering quality image in 1080p resolution at 30/25 frames per second. This high-performance mechanical (ICR) day/night camera is 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. It also comes with various detection functions to keep you informed upon events. Other features include micro SD/SDHC card slot, video out and two-way audio.



#### ■ 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 NCR875PRO supports ONVIF thus allowing interoperability between network video products regardless of brand.

#### ■ Infrared Illumination

The powerful IR illuminator lights objects evenly, reducing image noise and storage requirements. The IR illuminator activates automatically when the lighting dims to under 10 lux. In night mode, the illuminator enables the camera to capture images at even 0 lux. To help minimize energy usage, the camera also comes equipped with high-power LEDs.

#### ■ Intelligent Video Management

The NCR875PRO 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 NCR875PRO 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>Model</b>	<b>NCR875PRO</b>
<b>Description</b>	Bullet Network Camera
<b>Image System</b>	
<b>Image Sensor</b>	1/2.7" 2MP image sensor optimized for low-light performance
<b>Image Compression Method</b>	Triple Streaming : H.264 / MPEG4 / Motion JPEG
<b>Maximum Frame rate vs. Resolution</b>	30 fps (NTSC) and 25 fps (PAL) in 2MP Full HD 1080p(1920x1080)
<b>Lens</b>	Built-in Mechanical IR Cut Filter varifocal lens f=3~9mm, F1.2 (Mega pixel lens)
<b>View Angle</b>	H: 93°(Wide)~31.7°(Tele)/V:68.4°(Wide)~23.8°(Tele)
<b>Electric</b>	
<b>Shutter Time</b>	Range from 1/10000s to 1/3.75s selectable (60Hz); Range from 1/10000s to 1/3.125s selectable (50Hz)
<b>Audio</b>	Two-way Mono Audio, Full-duplex, G.711 PCM 8kHz
<b>Alarm</b>	External input
<b>RS-485</b>	Reserved
<b>Day/Night Mode</b>	Mechanical (ICR) D/N control: Auto Mode
<b>Minimum Illumination</b>	IR LED OFF: 0.08 Lux @30IRE; 0.20Lux @50IRE (shutter speed: 1/15sec) IR LED ON: 0 lux
<b>IR LED</b>	IR LED 24 pcs (850nm)
<b>IR Distance</b>	25 meters (82 ft.)
<b>IR Turn On Status</b>	Under 10 lux by auto control
<b>LED Life</b>	More than 10,000 hours (50°C)
<b>Video Port</b>	BNC X1, 1.0Vp-p, 75Ω
<b>Video Output</b>	NTSC: 720 X 480 @30fps; PAL: 720 X 576 @25fps
<b>Image Enhancement</b>	AWB, AES, AGC Exposure Mode: Auto/Manual White Balance: Auto/Manual Backlight Compensation: 5x5 zones selectable Sharpness, Saturation, Brightness, Contrast: 255 level sensitivity
<b>Feature Brief</b>	
<b>Digital WDR</b>	Yes; 5 level sensitivity
<b>Privacy Zone</b>	Yes; customized threshold privacy zone
<b>Intelligent Video</b>	Audio detection / Blur detection /Ethernet Detection/ Smart Encoding/ Smart Focus/ e-PTZ/ Event Management
<b>Alarm Detection</b>	Motion Detection: 5 x 5 zones, 5 level sensitivity or customized threshold Audio Detection: 5 level sensitivity or customized threshold Blur Detection: customized threshold External Input
<b>Alarm Event</b>	File upload via FTP, SMTP and SD Card Notification via email, HTTP and TCP External output activation Video and audio recording to SD Card
<b>Image Orientation</b>	Mirror, Flip
<b>Bit Rate Mode</b>	Primary stream bit rate control: CBR/VBR
<b>Local Storage</b>	
<b>Memory Card</b>	Micro SD/ Micro SDHC Card up to 32 GB
<b>SD Card Overwrite</b>	Yes
<b>SD Card Store Category</b>	Alarm / Motion / Schedule/ Un-interrupt recording
<b>Power supply</b>	
<b>Power Requirement</b>	DC 12V & AC 24V ± 10% / PoE(IEEE 802.3af)
<b>Power Connector</b>	Screwless Terminal block
<b>Power Consumption (Max.)</b>	8W (TBD)

<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>	CE, FCC, RoHS
<b>Network</b>	
<b>Ethernet</b>	10Base-T/100Base-TX Ethernet connection for LAN / WAN, RJ-45
<b>Internet Protocol</b>	IPv4, TCP/IP, UDP, HTTP, SMTP, DNS, DHCP, NTP, FTP, RTP,RTSP, ICMP, UPnP
<b>Browser</b>	IE browser 6.0 or above
<b>I/O connector</b>	
<b>Alarm Port</b>	Terminal block 2 in / 1 out
<b>Audio In / Out port</b>	3.5mm Phone Jack 1 in / 1 out
<b>RS-485 Port</b>	Terminal Block
<b>Reset</b>	Within 5 sec for rebooting system; more than 5 sec for loading default
<b>Mechanism</b>	
<b>Dimensions(ΦxH)</b>	300mm x 88mm x 86 mm (11.79inch x 3.47inch x 3.39inch)
<b>Weight</b>	995g (2.2 lb.)
<b>Protection Class</b>	IP67
<b>Order Information</b>	NTSC model: NCR875PRO-HN5-MES; PAL model: NCR875PRO-HP5-MES
<b>Accessory</b>	
<b>Mount Type</b>	TBD

## Dimension

Unit: mm (inch)

