



## NCR875PRO

Full HD 1080p

IR Bullet Network Camera

1/2.7" 2MP Lumii sensor, H.264, 25M (82ft) IR, triple streaming, mechanical ICR day/night, intelligent detections

The NCR875PRO network camera is capable of delivering superior quality image in 1080p resolution at 30/25 frames per second. The high-performance mechanical (ICR) day/night camera is ideal for 24/7 surveillance over the network. It suits any outdoor applications where maximum image quality and efficient bandwidth usage is vital. At night or in any low lighting environment, its high sensitivity sensor ensures clear and noise-free images. It also comes with various intelligent detection functions to keep users informed upon events. Other features include microSD/SDHC card slot, video out and two-way audio.



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### Full HD 1080p Images

See clear and detailed, full HD, quality images in all conditions with the NCR875PRO. 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.



### Intelligent Video Management

The NCR875PRO features a variety of intelligent detection functions, including motion, audio, blur and network disconnection detection. MegaSmart™ event/region-specific monitoring enables users to receive alerts upon event and saves storage cost by only recording when a specific event takes place.



### Mechanical IR Cut Filter

Featuring IR Cut Filter Removable (ICR) function, the NCR875PRO is ideal for capturing images under highly variable lighting conditions, providing perfect color images at day time and noise-free monochrome images at low light to nearly no light environment.



### Infrared Illumination

The built-in 25M (82ft) IR LED lights objects evenly, reducing image noises 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 0 lux. The high-power LEDs also help minimize energy consumption.

## Specifications

Video	
Sensor Type	1/2.7" image sensor optimized for low-light performance
Active Pixels	1920x1080 (HxV)
Compression	H.264 / MPEG4 / Motion JPEG
Streaming	Triple simultaneous streams
Resolution	1080p, SXVGA, 720P, XGA, SVGA, D1, VGA, 2CIF, VGA, CIF
Max. Frame Rate	2MP 16:9 (1920x1080) at 30 fps (NTSC) and 25 fps (PAL)
Day/Night	Mechanical (ICR) D/N control
Day/Night Mode	Auto
Shutter Time	1/10000s to 1/3.75s selectable (60Hz); 1/10000s to 1/3.125s selectable (50Hz)
Minimum Illum.	IR LED OFF: 0.08 Lux @30IRE; 0.20 Lux @50IRE (Shutter speed: 1/15sec) IR LED ON: 0 lux
Video Output	NTSC: 720 X 480 @30fps; PAL: 720 X 576 @25fps
Bit Rate Control	Primary stream bit rate control: CBR/VBR
Lens	
Type, Focal Length, F-number	Built-in Mechanical IR Cut Filter varifocal lens, f=3~9mm, F=1.2 (Megapixel lens)
View Angle	H: 93°(Wide)~31.7°(Tele)/ V:68.4°(Wide)~23.8°(Tele)
Iris Control	DC Iris
IR LEDs	
LED Quantity	24 pcs (850nm)
IR Distance	25 meters (82 ft.)
IR turn on status	Under 10 lux by auto control
LED Life	More than 10,000 hours (50°C)
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, sharpness, saturation, digital WDR, privacy zone, contrast: 255 level sensitivity
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 and TCP; External output activation
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, 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	Terminal block 2 in/1 out
Network	RJ-45
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	W/O Heater: DC 12V & AC 24V ± 10%/ PoE(IEEE 802.3af); W/ Heater: DC24V & AC24V± 10%
Power Consumption	W/O Heater: 8W; W/ Heater: 20W (Heater ON), 8W (Heater OFF)
Mechanical	
Dimensions(DxH)	300 x 88 x 86 mm (11.79" x 3.47" x 3.39")
Weight	995g (2.2 lb)
Protection	IP67
Environmental	
Operating Temp.	W/O Heater: -10°C~50°C ( 14°F~122°F ) W/ Heater: -40°C~50°C (-40°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: NCR875PRO-HN5-MES(W/O Heater), NCR875PROH-HN5-MES(W/ Heater); PAL: NCR875PRO-HP5-MES(W/O Heater), NCR875PROH-HP5-MES(W/ Heater)
Accessories	Easily adjustable 3-axis and cable-concealed bracket with standard package; Corner mount: SAD707; Pole mount: SAD708

## Dimensions

