



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 a full frame rate. The high-performance mechanical (ICR) day/night camera is ideal for 24/7 surveillance. It suits any outdoor applications where maximum image quality and smooth video display is vital. In any low light environment, its high sensitivity sensor ensures razor-sharp, noise-free images. It also comes with various intelligent detection functions to keep users informed upon events. Other features include memory card slot, video out and two-way audio.



ONVIF



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

Image System	
Image Sensor	1/2.7" image sensor optimized for low-light performance
Compression	Triple Streaming: H.264 / MPEG4 / Motion JPEG
Resolution	1080p, SXVGA, 720p, XGA, SVGA, D1, VGA, 2CIF, CIF
Maximum Frame Rates	2MP Full HD (1920x1080p) @ 30 fps (NTSC) and 25 fps (PAL)
Day/Night	Mechanical IR Cut Filter (auto.)
Shutter Time	1/10000s to 1/3.75s (60Hz); 1/10000s to 1/3.125s (50Hz)
Minimum Illumination	IR LED OFF: 0.08 Lux @30IRE; 0.20 Lux @50IRE (Shutter speed: 1/15sec) IR LED ON: 0 lux
Effective Pixels	NTSC: 720 X 480 @30fps; PAL: 720 X 576 @25fps
Bit Rate Control	CBR/VBR
Lens	
Focal Length, F-number	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 LED	
LED Quantity	24 pcs (850nm)
IR Distance	25 meters (82ft)
IR Turn On Status	Under 10 lux by auto control
LED Life	More than 10,000 hours (50°C)
Audio	
Communication	Two-way Mono Audio, Full-duplex
Compression	G.711 PCM 8kHz
Audio In/Out	External microphone/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	50/60 Hz
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	Micro SD/ Micro SDHC Card up to 32 GB	
SD Card Overwrite	Yes	
SD Card Store Category	Alarm / Motion / Schedule/ Un-interrupt recording	
Network		
Ethernet	10Base-T/100Base-TX	
Protocol	IPv4, TCP/IP, UDP, HTTP, SMTP, DNS, DHCP, NTP, FTP, RTP, RTSP, ICMP, UPnP	
PoE	IEEE 802.3af, Class 3	
Browser	IE browser 6.0 or above	
ONVIF	Yes	
Security	Two-level access with password protection	
I/O connector		
Power	2-pin terminal block	
Alarm In/Out	terminal block 2 in/1 out	
Network	RJ-45	
Reset	Within 5 secs. for rebooting system; more than 5 secs. for loading default	
Audio In / Out	3.5mm phone jack 1 in / 1 out	
Video Output	BNC x 1, 1.0Vp-p, 75Ω	
Power Supply		
Power Requirement	no heater	DC 12V & AC 24V ± 10%/PoE (IEEE 802.3af)
	with heater	DC 24V & AC 24V ± 10%
Power Consumption (Max.)	no heater	8W
	with heater	20W (heater ON) / 8W (heater OFF)
Mechanical		
Dimensions (H x Φ)	300mm x 88mm x 86 mm (11.79inch x 3.47inch x 3.39inch)	
Weight	995g (2.2 lb.)	
Protection Class	IP67	
Regulations	CE, FCC, RoHS	
Environmental		
Operating Temperature	no heater	-10°C ~ 50°C (-14°F ~ 122 °F)
	with heater	-40°C ~ 50°C (-40°F ~ 122 °F)
Operating Humidity	10~ 90% RH	
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140 °F)	
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;	

Dimensions

*Function not available for models sold in Argentina

