



NCR875E

1 Megapixel IR Bullet Network Camera

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

The NCR875E is a versatile 1-megapixel IR bullet network camera designed for outdoor surveillance installations demanding excellent image quality and efficient bandwidth usage. The use of H.264 codec consumes very little network bandwidth and requires minimal storage without compromising the superior video quality. Powered by proprietary Lumii™ technology, the high sensitivity sensor ensures clear and noise-free images with uniform illumination across the covered scene. Other supported features include intelligent detections, microSD/SDHC card slot, video out, and two-way audio.



ONVIF



Versatility with PoE

Built-in support for Power over Ethernet (PoE) 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 24/7 surveillance with the use of a UPS.



Intelligent Video Management

The NCR875E features a variety of intelligent detection functions, including motion, face, 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 NCR875E 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.



Cost-saving H.264 Technology

The NCR875E supports the H.264 compression standard in multiple streaming. The H.264 greatly reduces the network bandwidth and storage requirement compared to M-JPEG and MPEG4 without compromising the megapixel image quality, while saving significant back-end costs.

Specifications

Video	
Sensor Type	1/2.7" image sensor optimized for low-light performance
Active Pixels	1280x720P (HxV)
Compression	H.264 / MPEG4 / Motion JPEG
Streaming	Triple simultaneous streams
Resolution	720P, XGA, SVGA, D1, VGA, 2CIF, VGA, CIF
Max. Frame Rate	1MP 16:9 (1280x720) 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, 0.20Lux @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, F1.2 (Mega pixel 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, 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 and TCP; External output activation

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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	Screwless 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: NCR875E-HN5-MES(W/O Heater), NCR875EH-HN5-MES(W/ Heater); PAL: NCR875E-HP5-MES(W/O Heater), NCR875EH-HP5-MES(W/ Heater)
Accessories	Easily adjustable 3-axis and cable-concealed bracket with standard package; Corner mount: SAD707(Adapter required); Pole mount: SAD708(Adapter required)

*Function not available for models sold in Argentina

Dimensions

