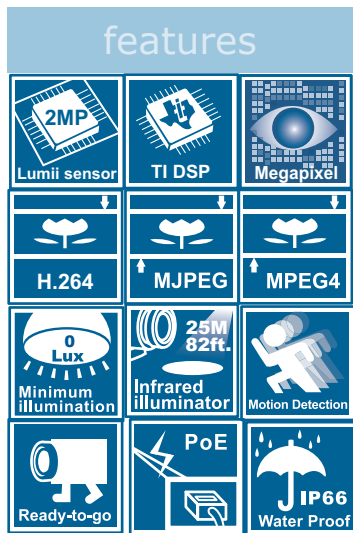


## NCR870 25M(82ft) Infrared Bullet Camera

1/3" 2 MP Lumii sensor, H.264/MJPEG/MPEG4 triple streaming  
25M ICR day/night, 3.1mm fixed lens, motion detection, IP66 water-proof



The NCR870 is a ready to go infrared (IR) camera that is able to see even in total darkness. 24 high quality IR illuminators built around the lens bring about crystal clear pictures even in the darkest night as far as 25 meters (82 ft). Plus, with IP66-rated all-weather waterproof, aluminum casing, the NCR870 ensures reliable operation in any environment. This camera is ideal for outdoor applications such as convenience stores, streets and parking lots.



### ■ Infrared Illumination

With 24 pieces of IR LED, the NCR870 is a infrared focal lens camera which offers long IR distance up to 25 meters. A uniform light intensity design minimizes aberrations and delivers perfect image quality in low light conditions. Images become clearer and brighter while also reducing image noise.

### ■ 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.

### ■ Cost-saving H.264 Support

The NCR870 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.

### ■ Attention Where It Matters

Intelligent video management software includes motion detection. Motion detection sensitivity settings and region specific monitoring ensures only relevant events are monitored.

### ■ 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.

### ■ IP66 Water Proof

The NCR870 is perfectly suited to humid atmospheres since it is housed in a water proof protective casing with rainguard. An optional heater keeps the camera operating in even the most extreme temperatures.

### ■ Low Power Consumption

Powerful IR functionality and IR-corrected lens deliver perfect image captures and outstanding images all day long. Exceptional single-control lighting technology helps reduce power consumption by up to 30%-40% and extends LEDs life. Requires only 8W of power to run.

## Specification

Image System	
Image sensor	1/3" 2 MP image sensor optimized for low-light performance
Effective pixels	Effective 16:9 1920 (H) X 1080 (V)
Image Compression Method	Triple Streaming : H.264 / MPEG4 / Motion JPEG
Video Codec/ Resolution	H.264 HDTV(16:9): 1920X1080(2M)@15fps; 1280X720@30fps SDTV(4:3): 1280x960(SXVGA)@30fps
	MPEG4 HDTV(16:9): 1920X1080(2M)@15fps; 1280X720@30fps SDTV(4:3): 1280x960(SXVGA)@30fps
	MJPEG HDTV(16:9): 1920X1080(2M)@15fps; 1280X720@30fps SDTV(4:3): 1280x960(SXVGA)@30fps
Lens	Built-in fixed lens f=3.1 mm, F=2.0 (factory option 4mm, 8 mm)
Electric	
Sync System	Internal
AES	1/10000 s to 1/3.75s (selectable)
Minimum illumination	IR LED OFF: 1.5lux (F2.0, 50 IRE, 1/15s)
	IR LED ON: 0lux
Video port	RJ45 X1, BNC X1, 1.0Vp-p, 75Ω
TV output	NTSC, 720 X 480 @30fps   PAL, 720 X 576 @25fps
IR LED	IR LED 24pcs(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)
Feature	
Exposure mode	Auto/Manual
BLC	5 x 5 zones selectable
White Balance	Auto/Manual
Sharpness	255 level sensitivity
Saturation	255 level sensitivity
Brightness	255 level sensitivity
Contrast	255 level sensitivity
Motion detection	Yes; 5 x 5 Motion detection zones & 5 level sensitivity or customized threshold
ICR Day / Night	Yes
Other	Mirror, Flip, system log, snapshot, CBR/VBR
Power Supply	
Power requirement	DC 12V & AC 24V ± 10% / PoE(IEEE 802.3af)
Power consumption	< 8W
Environment	
Operating temperature	-10°C ~ 50°C (14°F ~ 122 °F)
Operating humidity	10~ 90% RH
Storage temperature	-20°C ~ 60°C (-4°F ~ 140 °F)
Network	
Ethernet	10Base-T/100Base-TX Ethernet connection for LAN / WAN
Internet protocol	TCP/IP, UDP, HTTP, SMTP, DNS, DHCP, NTP, FTP, RTP,RTSP, ICMP, uPNP
IP	IPv4
Connectors	RJ-45
Browser	IE browser 6.0 or above
I/O Connector	
Connectors	RJ-45/BNC
Reset	Within 5 sec for rebooting system; more than 5 sec for loading default
Mechanism	
Dimensions(ΦxH)	Φ70xL162xH81.5 mm (Φ2.75xL6.37xH3.2 in)
Weight	550g
Others	
Heater	Optional
Ordering Information	
	NCR870-HN5
	NCR870-HP5