

NCR870

Full HD 1080p, Fixed IR Bullet Network Camera

1/2.7" 2 MP Lumii sensor, H.264/MJPEG/MPEG4 triple streaming, 3.1mm fixed lens, 25M IR, Mechanical (ICR) day/night, motion detection, IP67 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 IP67-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.

Features		
2MP Lumii sensor	TI DSP	Megapixel
H.264 MPEG4 MJPEG	Full HD	ICR
0 Lux Minimum illumination	25M 82ft. Infrared illuminator	Video Out
Motion Detection	Ready-to-go	PoE
IP67 Water Proof	Heater	

■ 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.

■ 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.

■ 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.

■ ONVIF Support

The NCR870 integrates new and existing video technology and expands on user choice by supporting ONVIF. ONVIF is an open industry forum for the development of a global standard for the interface of network video products. Compliance with ONVIF standards guarantees interoperability between network video products regardless of brand.

■ 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.

■ IP67 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.

■ Climate Protection

An optional heater maximizes protection of surveillance equipment in extremely cold weather.

Specification

Image System		
Image Sensor	1/2.7" 2MP image sensor optimized for low-light performance	
Image Compression Method	Triple Streaming : H.264 / MPEG4 / Motion JPEG	
Max. Frame rate vs. Resolution	H.264	1920X1080(2M)@15fps
	MPEG4	1920X1080(2M)@15fps
	MJPEG	1920X1080(2M)@15fps;
Lens	Built-in fixed lens f=3.1 mm, F=2.0(Mega pixels lens)	
View angle	H: 77° ±5%; V: 57° ±5%	
Electric		
Shutter Time	Range from 1/10000s to 1/3.75s selectable (60Hz);Range from 1/10000s to 1/3.125s selectable (50Hz)	
Day/Night mode	Mechanical (ICR) Day/Night	
Min. Illumination	IR LED OFF: 1.5lux (F2.0, 50 IRE, 1/15s), IR LED ON: 0lux	
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)	
Video Port	BNC X1, 1.0Vp-p, 75Ω	
Video Output	NTSC, 720 X 480 @30fps PAL, 720 X 576 @25fps	
Image Enhance	Exposure Mode: Auto/Manual, White Balance: Auto/Manual, Backlight Compensation: 5x5 zones selectable, Sharpness, Saturation, Brightness, Contrast: 255 level sensitivity	
Feature Brief		
Alarm detection	Motion Detection: 5 x 5 Motion detection zones & 5 level sensitivity or customized threshold	
Alarm Event	File upload via FTP, SMTP; Notification via email	
Image orientation	Mirror, Flip	
Other	Snapshot	
Power supply		
Power Requirement	PoE(Class 3, IEEE802.3af), DC 12V ± 10%, AC 24V ± 10%	DC 24V ± 10%, AC 24V ± 10%
Power Consumption (max.)	<8W(IR LED on)	<20W(Heater on, IR LED on)<8W(Heater off, IR LED on)
Environment		
Operating Temperature	-10°C ~ 50°C (14°F ~ 122 °F)	-40°C ~ 50°C (-40°F ~ 122 °F)
Min. Power-on Temperature	0°C	-40°C
Operating Humidity	10~ 90% RH	10~ 90% RH
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140 °F)	-20°C ~ 60°C (-4°F ~ 140 °F)
Regularity	CE, FCC, RoHS	
Network		
Ethernet	10Base-T/100Base-TX Ethernet connection for LAN / WAN, RJ45	
Internet protocol	IPv4, TCP/IP, UDP, HTTP, SMTP, DNS, DHCP, NTP, FTP, RTP, RTSP, ICMP, uPNP	
Browser	IE browser 6.0 or above	
I/O connector		
Reset	Within 5 sec for rebooting system; more than 5 sec for loading default	
Mechanism		
Dimensions(ΦxLxH)	Φ70mm x 162mm x 81.5mm (2.76" x 6.38" x 3.21")	
Weight	550g (1.1lb)	
Protection Class	IP67	
Option	Without heater	With heater
Order Information	NCR870-HN5-MES(NTSC), NCR870-HP5-MES(PAL)	NCR870H-HN5-MES(NTSC)NCR870H-HP5-MES(PAL)
Accessory		
Mount Type	Wall mount/Ceiling mount with free pack-in bracket	

Dimensions

