MESSOA®

NCC800/NCC800WL

1080p Cube Network Camera

10M (33ft) IR, H.264, triple streaming, PoE, Wi-Fi, built-in MIC & speaker, local storage

Featuring 2-megapixel Full HD resolution at full frame rates, the NCC800 is designed for professional indoor surveillance, targeting retail shops, small businesses or offices where image quality is emphasized. The built-in infrared LED gives true, maximized night visibility in complete darkness up to 10 meters. Further enhanced by the proprietary Lumii™ imaging technology, the NCC800 provides the unparalleled low light performance like no others. The camera also offers flexible installation, 2-way audio communication, and wireless connectivity to make it a comprehensive and professional business security solution.

3 year warranty

Onvif

Enhanced Sensitivity with Lumii™

Proprietary Lumii™ technology significantly enhances the camera sensitivity while reducing video noise to deliver optimized video images in unparalleled sharpness without distortion in a low light environment.

Exceptional Full HD Images

Whether it is general overview or close-up focus, day or night, the NCC800 provides wider and clearer images in full HD video quality at full frame rates around the clock. Blurry images are minimized, and individuals and objects of interest come through in perfect clarity.

True Visibility in Pitch Darkness

Leading the industry in illumination distance, the integrated infrared LED illuminator gives true, maximized visibility in complete darkness with uniform light distribution up to 10 meters (33 ft.), suitable for low to no light applications or places required for 24/7 covert surveillance.

Flexible Connectivity

The NCC800 can be powered by either DC 12V or Power over Ethernet (PoE), adding flexibility to camera installations where power outlet is unavailable. Input and output ports are also included to allow connectivity to external devices such as switches, alarm relays, sensors, etc.

Smart Wi-Fi Connection

In addition to the standard Ethernet connection to a wired network, the NCC800 is also compatible with Wi-Fi connectivity and provides the high-speed, reliable wireless network connection without the hassle of complicated wiring.

Specifications

Image System

Image Sensor	1/2.7" 2MP HD image sensor optimized for low-light performance
Image Compression	Triple Streaming : H.264 / MPEG4 / Motion JPEG
Maximum Frame rate	30 fps (NTSC) and 25 fps (PAL) in 2MP Full HD 1080p (1920x1080)
Lens	Built-in fixed lens f=3.1 mm, F=2.0(Mega pixel lens)
View Angle	H: 77° ±5%; V: 57° ±5%

Electrics

Shutter Time	Range from 1/10000s to 1/3.75s selectable (60Hz); Range from 1/10000s to 1/3.125s selectable (50Hz)
Audio	Two-way built-in MIC & Speaker; Mono Audio, Full-duplex, G.711 PCM 8kHz
Alarm	Triggered by external input
Day/Night Mode	D/N control: Auto Mode
Minimum Illumination	IR LED OFF: 0.2lux@10IRE / 1.1lux@50IRE (F2.0, 1/15s) IR LED ON: 0 Lux
IR LED	IR LED 9 pcs (850nm)
IR Distance	10 meters (33ft.)
IR Turn On Status	Under 10 Lux by auto-control
LED Life	More than 10,000 hours (50°C)
Video Port	2-pin connector, 1.25mm wafer, 1.0Vp-p, 75Ω
Video Output	NTSC: 720 X 480 @30fps; PAL: 720 X 576 @25fps
RTC	Real-Time clock calendar
Image Enhancement	Exposure Mode: Auto/Manual White Balance: Auto/Manual Backlight Compensation: 5x5 zones selectable Sharpness, Saturation, Brightness, Contrast: 255 level sensitivity

Features

Digital WDR	Yes; 5-level sensitivity
Privacy Zone	Yes; customized threshold privacy zone
Intelligent Video	Audio Detection/ Blur Detection/ Ethernet Detection/ Smart Encoding/ Smart Focus/ e-PTZ/ Event Management
Alarm Detection	Motion Detection: 5 x 5 zones, 5-level sensitivity or customized threshold Audio Detection: 5 level sensitivity or customized threshold Blur Detection: customized threshold External Input
Alarm Event	File upload via FTP, SMTP and SD Card Notification via email, HTTP and TCP External output activation Video and audio recording to SD Card
Image Orientation	Mirror, Flip
Bit Rate Mode	Primary stream bit rate control: CBR/VBR

Local Storage

Memory Card	Micro SD/ Micro SDHC Card up to 32 GB
SD Card Overwrite	Yes
Store Category	Alarm / Motion / Schedule/ Un-interrupt recording

Power Supply

Power Requirement	DC 12V ± 10% / PoE (IEEE 802.3af)
Power Connector	DC Jack (2.0mm)
Power Consumption(Max)	7.0W (NCC800) 7.5W (NCC800WL)
LED Indicator	x1 Power LED (Red)

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)
Regulation	CE, FCC (class B), RoHS

Network

Ethernet	10Base-T/100Base-TX
Wireless	USB Wi-Fi Dongle (Optional); IEEE 802.11b/g/n
LED Indicator	x2 networking status (Green & Yellow)
Internet Protocol	IPv4, TCP/IP, UDP, HTTP, SMTP, DNS, DHCP, NTP, SSH, FTP, RTP,RTSP, ICMP, UPnP
Web Browser	IE browser 6.0 or above

I/O Connector

Alarm Port	Terminal block x1 In / x1 Out
Audio In / Out	3.5mm Phone Jack 1 In / 1 out
Power	DC 12V
Video	Video out x1, 2-pin to BNC video out
LAN	RJ-45 x1 (10Base-T/100Base-TX)
USB	USB port x1 (for USB Wi-Fi dongle)
Reset	Rebooting system within 5 sec.; restoring factory default up to 5 sec. or more
Memory Card	microSD/SDHC card slot

Mechanical

Dimensions (WxHxD) (w/o bracket)	76mm x 103mm x42mm (2.98"x4.06"x 1.66")
Weight	118g (without bracket)

Package Contents

Power Supply, Video Cable, Bracket, Document, CD-ROM and Others

Order Information

NTSC models	NCC800-HN1-US-MES NCC800-HN1-EU-MES NCC800WL-HN1-US-MES NCC800WL-HN1-EU-MES
PAL models	NCC800-HP1-EU-MES NCC800WL-HP1-EU-MES

Dimensions