



NCB750

1MP Fixed Network Camera

1/4" Lumii sensor, H.264, dual streams, ICR D/N, WDR, micro SD card slot, 2-way audio, PoE

MESSOA NCB750 is a compact, box-type megapixel camera designed for complete functionality and plug-and-play integration with MESSOA Lite Series NVR. Less than 7cm in all dimensions, the small, hand-sized form factor makes the camera a perfect fit for discreet and flexible indoor deployment. Featuring mechanical ICR day/night, the camera can be applied to environments with diverse lighting conditions. The full-functioned design with microSD card slot, two-way audio, and focus assistance makes it a versatile yet easy-to-install solution for various indoor projects, such as residence, retail stores, boutiques, hotels and offices.



ONVIF



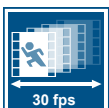
Easy Plug-and-play NVR Solution Ready

The camera supports plug-and-play when joined with the MESSOA Lite Series NVR, making installation hassle-free. It is ideal for users who are new to IP technology but want to take a leap forward from analog.



Local Storage with microSD/SDHC Card Support

The camera comes with a microSD card slot to provide local storage for up to 32GB. Recording of critical images and video footages in case of events triggered by motion detection, network connection failure or alarms.



Superior Video Quality at Full Frame Rate

With video quality up to 30fps, the camera captures every critical moment with smooth video display. Increased frame frequency reduces blurry images and particularly suits motion-sensitive applications.



Direct Communication via Two-way Audio

The camera supports two-way audio with a built-in microphone, allowing listening in on the monitored scene, as well as direct verbal communication with individuals at the scene from a remote location.



Compact Design Ideal for Discreet Surveillance

The sleek, compact-designed housing allows the camera to be easily installed and blend in the environment for unobtrusive monitoring, which is perfectly suited where discreet, covert surveillance is required.



Easy Installation Facilitated by Focus Assistance

A great tool that helps installers adjust the camera focus without the hassle of having an additional monitor. With a simple push to the button at the camera rear, the change of LED light will indicate if the focus is achieved.

*For fixed lens only

Specifications

Video	
Sensor Type	1/4" 1M progress scan CMOS sensor
Active Pixels	1280 x 800 (HxV)
Compression	H.264/MPEG4/Motion JPEG
Streaming	Dual simultaneous streams
Resolution	(WXGA)1280x 800, 1280x 720,800x450, 640x360, 320x180
Max. Frame Rate	Megapixel (1280x 800) at 30 fps (NTSC/PAL)
Day/Night	Mechanical (ICR) D/N Control
Day/Night Mode	Auto/Day/Night
Shutter Time	Range from 1/960s to 1/30s selectable (60Hz); Range from 1/1000s to 1/25s selectable (50Hz)
Minimum Illumination	Color (Shutter Speed: 1/30 sec):0.4 Lux @10IRE; 0.8 Lux @50IRE B/W (Shutter speed: 30 sec):0.16 Lux @10IRE; 0.32 Lux @50IRE"
Video Output	NTSC: 720 X 480 @30fps; PAL: 720 X 576 @25fps
Bit Rate Control	Simultaneous stream bit rate control: CBR/VBR

Lens	
Type, Focal Length, F-number	Fixed Lens, f=4mm, F1.5 (Megapixel lens)
View Angle	H: 53.1°/ V: 33.7°
IRIS Control	Yes
Lens Mount	CS Mount

Audio	
Audio Communication	Two-Way Mono Audio, Full-Duplex
Compression	G.711 μ -Law , PCM, 8kHz
Audio In/Out	Built -in microphone, External microphone and speaker

Image Enhancement	
Image Settings	AWB, AES, AGC; IRIS Mode: Off / Auto; Flickerless Mode: On / Off Exposure & Gain Mode: Auto / Manual; White Balance: Auto / Fixed; Sharpness, Saturation, Brightness, Contrast: 17 level sensitivity; Exposure: 15level sensitivity
Digital WDR	Yes; 8 level sensitivity
Privacy Zone	Yes; customized threshold privacy zone (up to 8)
Image Orientation	Mirror, Flip
Frequency Control	50Hz, 60Hz
Date & Time Stamp	Yes
Test Overlay	Yes

Intelligent Video & Event Management	
Motion Detection	Up to 3 customized threshold detection windows, 101 detectd object size or level sensitivity
Ethernet Detection	Network fail detection
Others	Snapshot, digital Zoom, Optimized i-frame setting
Events	Motion detection, External alarm, Manual Trigger, Network Fail, Periodically Trigger.
Event Actions	File upload via FTP, SMTP, SAMBA and SD Card; Notification via FTP, email and External output activation; Video and audio recording to SD Card or SAMBA
Store Category	Alarm/Motion/Schedule/Un-interrupt recording Stores video clips and snapshots

Local Storage	
Memory Card Slot	Micro SD / Micro SDHC Card up to 32 GB
Memory Card Overwrite	Yes

Network	
Protocol	IPv4, HTTP, HTTPS, SMTP, FTP, DHCP, NTP, TCP/IP, UPnP, RTSP/RTP/RTCP, DNS, DDNS, PPPoE, IGMP, QoS, Bonjour, Samba, Multicast
Ethernet	10Base-T/100Base-TX Ethernet connection for LAN/WAN, RJ-45
PoE	IEEE 802.3af
ONVIF	Yes
Browser	IE Browser 8.0 or 9.0
Security	Three-level access with password protection

I/O & Controls	
Power	DC12V: DC Jack (2.0mm)AC24V: Screwless Terminal block
Power LED Indicator	Yes
Alarm In/Out	Terminal Block 1 in / 1 out
Network	RJ-45 with LEDs (Network indicator)
Audio In/Out	3.5mm Phone Jack 1 in / 1 out for external microphone/speaker; Built-in Microphone
Analog Video	BNC X1, 1.0Vp-p, 75 Ω
Reset	Within 1 sec for rebooting system; more than 10 sec until red LED starts to flash for loading default
Bicolor LED	Focus & Power & System Status
Focus Assist Button	YES

Power	
Power Requirement	DC 12V & AC 24V \pm 10% / PoE(IEEE 802.3af)
Power Consumption	8W (Max.)

Mechanism	
Dimensions(WxDxH)	66 x 65.5 x 55 mm (2.60" x 2.58" x 2.17")
Weight	270g (0.60 lb) w/o lens
Battery Backed-up Real-time Clock	Yes; Internal RTC

Environment	
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Operating Humidity	20~ 90% RH
Storage Temperature	-10°C ~ 55°C (14°F ~ 131°F)

Regulatory	
Approvals	CE, FCC, RoHS

Order Information	
Model No.	NTSC: NCB750-HN5-US-MES; PAL: NCB750-HP5-EU-MES; NCB750-HP5-CN-MES;
Accessories	Wall Mount Stand Power Supply

*Function not available for models sold in Argentina

Dimensions

