

Network Cameras

Smart IP, smarter protection



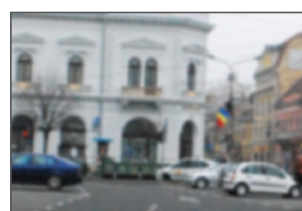
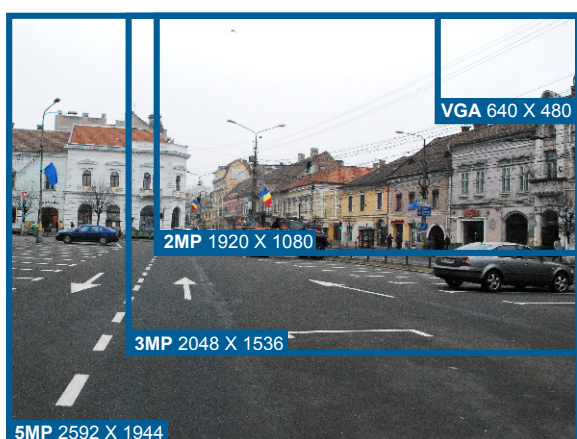


MESSOA offers a full range of network cameras, delivering superior video quality, intelligent features, system flexibility, and cost-effectiveness. The MESSOA IP network cameras are your powerful surveillance solution that get your system ready for the future's challenging tasks!

Supreme Network Capabilities

Unmatched Clarity and Coverage

The next-generation network cameras deliver superior HDTV video quality up to 5-megapixel resolution with full frame rates and larger area coverage, providing users with the clearest video images and the widest field of view possible in the finest detail.



Conventional



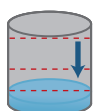
HDTV 1080p

H.264 Compression

H.264 is a cost-saving compression format which consumes very little storage and bandwidth resources while maintaining premium image quality. Multiple streams can also be provided for different quality needs and bandwidth limitations.



Superior image and high frame rate with smaller data size



M-JPEG
MPEG-4
H.264

	H.264	MPEG4	MJPEG
Image quality	High	Medium	Low
Image complexity	High	Medium	Low
Bandwidth consumption	Small	Medium	Large



Lumii™ Technology

All network cameras are built on the strength of our proprietary Lumii™ Technology. Lumii™'s high sensitivity, noise reduction and uniform light intensity bring superior imaging performance in difficult lighting conditions on a 24/7 basis.

Lumii™ Optimizes Night Performance

All cameras are enhanced by MESSOA's proprietary Lumii™ Technology which optimizes surveillance image quality in low light settings conditions.



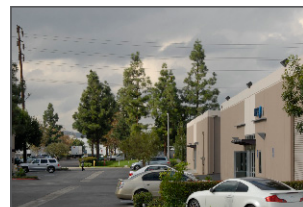
Competing brand



MESSOA

Mechanical ICR Day / Night Function

Featuring mechanical ICR filter, the camera automatically switches between monochrome and color mode according to the light intensity and enables the camera to deliver razor-sharp images during both day and night.



Day mode



Night mode

Uniform Light Intensity

IR illumination is further enhanced by Lumii Technology to deliver effective, even lighting output, while avoiding flares at closer range to provide greater visibility across the entire scene at night.



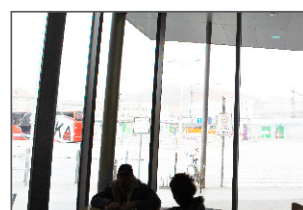
Competing brand



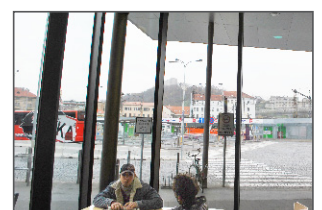
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HyperDynamic

The HyperDynamic improves from conventional WDR (Wide Dynamic Range), featuring more sophisticated algorithm and enhanced sensitivity to allow the camera capturing a clear shot of the monitored scene under high-contrast lighting.



HyperDynamic off



HyperDynamic on

MegaSmart™ Intelligent Engine

Smart Focus

Smart Focus helps users verify whether the focus is achieved at a user-defined spot in the monitored scene and remotely fine-tune the focus until image quality is optimized as the indicator turns green.



Smart Encoding

By defining regions of interest (ROI) for higher video quality, this feature helps users see details where needed and utilize the bandwidth and storage in the most efficient manner.

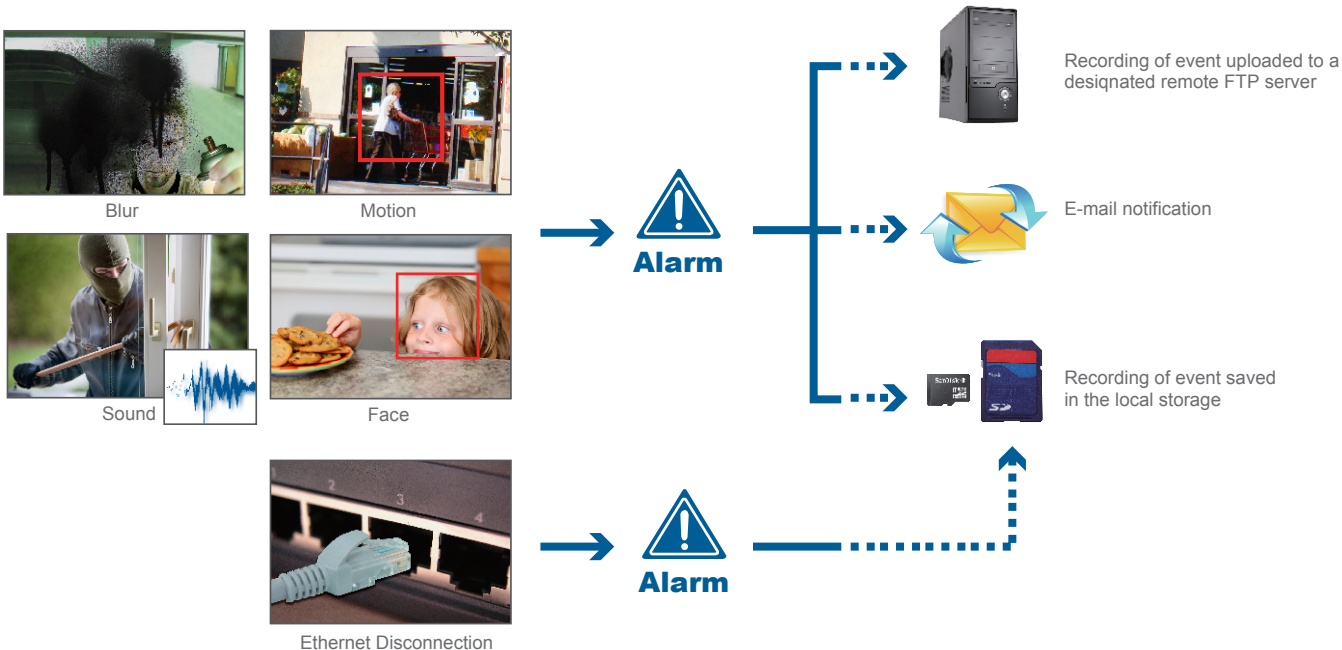


Overview: lower bit rate

ROI: higher bit rate

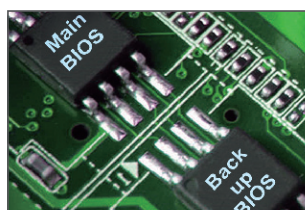
Intelligent Detection

The network cameras feature versatile intelligent capabilities of detecting face, sound, blur, motion, Ethernet disconnection and other external user-defined parameters, allowing users to get immediately informed and to keep track of the events when triggered. Configurable actions include email notification and video/image recording uploaded to an FTP server or the local storage (applicable when a memory card is inserted).



Dual BIOS

The network cameras are designed with dual BIOS technology to reinforce camera stability and reliability by ensuring the cameras can automatically recover from any BIOS failure in case of sudden power outage or system crash.



ONVIF & PSIA

The MESSOA network cameras are both ONVIF- and PSIA-compliant that guarantees full interoperability with other branded network video solutions for enhanced system integration and scalability.



Box Cameras



NCB750 1MP
Fixed lens, 4mm
30fps@1280x800
ICR day/night



NCB855PRO 2MP
30/25fps@1920x1080
ICR day/night



NCB858 5MP
30/25fps@1920x1080
ICR day/night



NCC700 1.3MP
Fixed lens, 4.3mm
30fps@1280x1024
Digital day/night



NCC800 (WL) 2MP
Fixed lens, 3.1mm
30/25fps@1920x1080
Digital day/night
10m(33ft) IR, Wi-Fi

Dome Cameras



NDR720 1MP
Fixed lens, 4mm
30fps@1280x800
ICR day/night
10m(33ft) IR



NDF820 2MP
Fixed lens, 4mm
30/25fps@1280x720
Digital day/night



NDF820PRO 2MP
Fixed lens, 4mm
30/25fps@1920x1080
Digital day/night



NDF821 2MP
Vari-focal lens, 3-9mm
30/25fps@1280x720
ICR day/night



NDF821PRO 2MP
Vari-focal lens, 3-9mm
30/25fps@1920x1080
ICR day/night



NDR891PRO 2MP
Vari-focal lens, 3-9mm
30/25fps@1920x1080
ICR day/night, 25m(82ft) IR
IP67, IK10



NDF831 2MP
Vari-focal lens, 3-9mm
30/25fps@1280x720
ICR day/night
IP67, IK10



NDF831PRO 2MP
Vari-focal lens, 3-9mm
30/25fps@1920x1080
ICR day/night
IP67, IK10



NDR891 2MP
Vari-focal lens, 3-9mm
30/25fps@1280x720,
ICR day/night, 25m(82ft) IR
IP67, IK10



NDF301 3MP
Motorized lens, 3-9mm
30/25fps@1920x1080
ICR day/night

Bullet Cameras



NDR302 3MP
Motorized lens, 3-9mm
30/25fps@1920x1080
ICR day/night, 15m(49ft) IR
IP66



NCR770 1MP
Fixed lens, 4.2mm
30fps@1280x800
ICR day/night, 7m(23ft) IR
IP67



NCR870 2MP
Fixed lens, 3.1mm
30/25fps@1280x720
ICR day/night, 25m(82ft) IR
IP67



NCR875PRO 2MP
Vari-focal lens, 3-9mm
30/25fps@1920x1080
ICR day/night, 25m(82ft) IR
IP67, IK10



NCR878 5MP
Vari-focal lens, 3-9mm
30/25fps@1920x1080
ICR day/night, 20m(65ft) IR
IP67, IK10

P/T & PTZ Cameras



NDZ760 1.3MP
Fixed lens, 4.2mm
30fps@1280x1024
ICR day/night, 3m(11ft) IR



NIC910HPRO D1
216X, 30/25fps@Full D1
ICR day/night
IP67, IK10



NIC930HPRO D1
336X, 30/25fps@Full D1
ICR day/night
IP67, IK10



NIC950HPRO D1
432X, 30/25fps@Full D1
ICR day/night
IP67, IK10



NIC990 2MP
240X, 30fps@1920x1080
ICR day/night
IP67, IK10



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