



NDZ760

1.3MP Pan/Tilt Network Camera

1/4" sensor, multiple streaming, full frame rate, ICR day/night, pan & tilt, intelligent detections, local storage

The NDZ760 Pan/Tilt Network Camera is a smart, compact solution, fit for homes, small businesses, offices or restaurants. The camera brings superior image quality, featuring 1.3-megapixel resolution at full frame rate provided in H.264 and M-JPEG compression. Featuring pan/tilt capabilities, 3-meter (11ft) IR LED, and true ICR day/night, the camera is great for 24/7 surveillance monitoring entrances or tracking movements. It is also very easy to install and duly supports plug-and-play when combined with MESSOA Lite NVR Solution, perfect for users who are new to the technology but want to take a leap forward from analog.



True Day/Night with Mechanical ICR

The camera automatically switches between color and B/W modes according to the light changes in the environment. It provides perfect color images at day time by filtering out IR light and crisp monochrome images as light diminishes below a certain level.



H.264/MJPEG Multi-profile Streaming

The camera supports multi-profile streaming in H.264 and Motion JPEG compression. H.264 enables optimization for bandwidth and storage efficiency by maximizing compression while maintaining image quality.



Pan/Tilt Capability

The Pan/Tilt function offers 355-degree pan and 120-degree tilt control, allowing users to monitor a much larger and wider area, while maximizing the field of view instead of just seeing straight ahead.



Intelligent Video Management

The camera features motion detection, event management and smart encoding, allowing event/region-specific monitoring that help users stay informed when an event takes place, while reducing network and storage loads as only relevant video streams will be recorded.



NVR Solution Ready

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

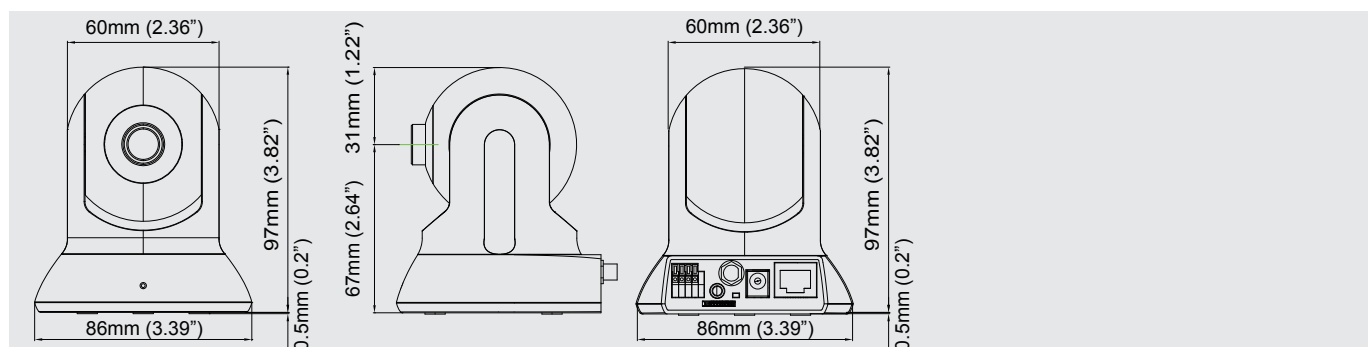
Specifications

Video	
Sensor Type	1/4" image sensor
Active Pixels	1280 x 1024 (HxV)
Compression	H.264 / Motion JPEG
Streaming	Simultaneously multi-profile streaming
Resolution	SXGA, VGA, QVGA, 160x120 (1.3 Mega Mode); 720P, 640x360, 160x90 (720p Mode)
Max. Frame Rate	1.3MP (1280x1024) at 30 fps (NTSC/PAL)
Day/Night	Mechanical (ICR) D/N Control
Day/Night Mode	Night Mode / Day Mode / Auto / Schedule
Shutter Time	Range from 1/120s to 1/5s Selectable (60Hz); Range from 1/100s to 1/4s Selectable (50Hz)
Minimum Illumination	IR LED OFF: 1.6 Lux @50IRE (Shutter speed: 1/15 sec) IR LED ON: 0 Lux
Bit Rate Control	Multi-profile bit rate control: CBR/ VBR/ ECBP/ EVBR
Lens	
Type, Focal Length, F-number	Built-in Fixed lens, f=4.2 mm, F1.8(Megapixel lens)
View Angle	H: 50° / V: 38° (1.3MP Mode) H: 50°/V: 26° (720p Mode)
P/T Operation	
Pan Range	355° (-177.5° ~ +177.5°)
Tilt Range	120° (-30° ~ +90°)
Manual Pan Speed	90°/ second (max); 1°/ second (min)
Manual Tilt Speed	90°/ second (max); 1°/ second (min)
Preset Speed	90°/ second (max); 1°/ second (min)
Programmable Presets	128
Stop Time	0 to 86400 seconds customized threshold
Functionalities	Auto pan mode, Auto tour mode (up to 16 tours)
IR LEDs	
LED Quantity	12pcs (850nm)
IR Distance	3 meters (11 ft.)
IR turn on status	Customized threshold adjustable
LED Life	More than 10,000 hours (40°C)
Audio	
Audio Communication	Simplex or Full duplex (2-way audio) Selectable
Compression	RTSP: G.711 64kbps, G.726 32kbps Selectable 3GPP: AMR
Audio In/Out	Built-in microphone External microphone and speaker
Image Enhancement	
Image Settings	AWB, AES Exposure Mode: Auto/ Hold/Manual; White Balance: Auto/ Hold; Exposure Value, Sharpness, Color, Brightness, Contrast: 101 level sensitivity 3D Noise Reduction (De-Noise): Off/ On
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 10 customized threshold detection windows with included or excluded options, 101 detected object size or level sensitivity
Smart Encoding	Up to 2 Configurable ROI for better picture quality and bandwidth efficiency

Others	Snapshot, e-PTZ, Optimized i-frame setting, Video Buffer
Events	Motion detection, External(Sensor Trigger) alarm
Event Actions	File upload via FTP, SMTP, SAMBA(NAS) and SD Card; Notification via voice alert, email, HTTP and TCP; External output activation; Video and audio recording to SD Card or SAMBA Go Tour/ to Preset activation ICR (0~86400 Seconds) activation
Store Category	Alarm / Motion / Schedule 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, TCP/IP, UDP, HTTP, SMTP, DNS, DHCP, NTP, FTP, RTP, RTSP, RTCP, ICMP, UPnP, IPv6, HTTPS, DDNS, DIPS, ARP, Bonjour, IGMP, PPPoE, 3GPP, SAMBA
Ethernet	10/100Mbps; 10Base-T/100Base-TX Ethernet connection for LAN / WAN, RJ-45
ONVIF	YES
Browser	IE Browser 6.0 or above
Security	Two-level access with password protection; IP address filtering; HTTPS encrypted data transmission
I/O & Controls	
Power	DC Jack (2.0mm)
Alarm In/Out	Terminal Block 1 in / 1 out
Network	RJ-45 with network LED x2 (Green & Orange)
Audio In/Out	3.5mm Phone Jack 1 in / 1 out
Reset	More than 5 sec for loading default
Power	
Power Requirement	DC 12V ± 10%
Power Consumption (Max.)	6.5W
Mechanical	
Dimensions (WxDxH)	86 x 81 x 97mm (3.38" x 3.19" x 3.82")
Weight	185g
Environmental	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity	20~ 80% RH
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Regulatory	
Approvals	CE, FCC, RoHS
Order Information	
Model No.	(MESSOA Brand) NTSC: NDZ760-HN1-US-MES; PAL: NDZ760-HP1-EU-MES (Non-Brand) NTSC: NDZ760-HN1-US; PAL: NDZ760-HP1-EU
Accessories	Wall mount/Ceiling mount kit with standard package support; 12V/1A External power adapter

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1. Memory card not included.
2. No memory card slot & local storage function for Argentina and Ecuador.

Dimensions



2013.02.18 MESSOA reserves the right to update this datasheet at any time without notice.
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Available from A1 Security Cameras

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