MESSOA®

LPR606

3-Megapixel IR Bullet LPR/ANPR Network Camera

1/3" Lumii sensor, H.264, triple streaming, 3DNR, ICR day/night, 30m (98ft) IR, WDR, ePTZ, 2-way audio, IP67, built-in heater

The LPR606 is a 3MP IR Bullet Network Camera engineered for low speed overview and access control LPR applications at car parks or gated communities. Feature-packed with WDR, DNR and ICR day/night for 24/7 surveillance, the camera delivers unparalleled imaging performance that yields enhanced license plate recognition results. The LPR606 also includes a 30m IR LED unit that generates adequate, even illumination needed for the high megapixel images at difficult lighting conditions. Deployment-wise, the 3-axis cable management bracket and external lens adjustment significantly facilitates installation of this outdoor-ready LPR/ANPR camera.

3 year warranty

ONVIF

Superior Video Quality and Coverage

Capturing reflective license plates at up to 2 traffic lanes in superior video quality under all lighting conditions, the 3-megapixel camera delivers incredible details in ultra high definition at a wide capture range of 5-15m (16-49ft) for low-speed LPR or overview applications.

Easy External Lens Adjustment

With the varifocal lens tightly enclosed within the waterproof housing, the LPR606 provides control knobs located at the belly of the camera for installers to effortlessly adjust the focal length and focus externally without the hassle of having to open the housing each time when needing to adjust the lens.

Even Output IR Illumination

The camera built-in IR provides even, effective illumination across the capture range for as far as 30 meters (98ft) away at night. Every pixel of the image is uniformly illuminated from the center to the edges of the field to ensure every detail is captured in sharpness and clarity under the cover of the darkness.

Outdoor-ready Design

The camera can be installed in both indoor and outdoor environment with its IP67-rated weatherproof protective casing. The built-in heater ensures the camera operating normally in even the most extreme temperatures for as low as -40 degree Celsius.

Specifications

Video

Sensor Type	1/3" image sensor optimized for low-light performance
Active Pixels	2304 x 1536 (HxV)
Compression	H.264/MJPEG
Streaming	Triple simultaneous streams with multiple video profile
Resolution	QXGA(2048x1536), 2304x1296, 1080P, SXGA, 720P, SVGA, D1, 4CIF, VGA, CIF
Max. Frame Rate	3MP 4:3 (2048x1536) at 15 fps (NTSC) and 12.5 fps (PAL) 2MP 16:9 (1920x1080) at 30 fps (NTSC) and 25 fps (PAL)
Day/Night	Mechanical (ICR) D/N Control
Day/Night Mode	Auto/BW/Color
Shutter Time	1/16000s to 1/7.5s Selectable (60Hz); 1/16000s to 1/6.25s Selectable (50Hz)
Minimum Illumination	IR LED OFF: 0.03 lux @10IRE (Shutter speed: 1/15 sec) IR LED OFF: 0.16 lux @50IRE (Shutter speed: 1/15 sec) IR LED ON: 0 lux
Video Output	NTSC: 720 X 480@30fps; PAL: 720 X 576@25fps
Bit Rate Control	CBR/VBR

Lens

Type, Focal Length, F-number	Built-in Mechanical IR Cut Filter varifocal lens, f=9~22mm, F1.5 (Mega pixel lens)
View Angle	H: 30.6° (Wide) ~13° (Tele)/V:22.6° (Wide) ~9.8° (Tele)
IRIS Control	DC IRIS

IR LEDs

LED Quantity	48 pcs (850nm)
IR Distance	30 meters (98 ft.)
IR turn on status	Under 5 Lux by auto control
LED Life	More than 10,000 hours (50°C)

Audio

Audio Communication	Two-Way Audio
Compression	G.711-Alaw/G.711-Ulaw, 8kHz
Audio In/Out	External microphone and speaker

Image Enhancement

Image Settings	AES, AWB, AGC Exposure Mode: AES/ALC/Flickerless/Manual; White Balance: Auto/Manual; Backlight Compensation; Configurable Brightness, Contrast, Hue, Saturation, and Sharpness; Gamma Correction
WDR	Enhanced Digital WDR
DNR	3DNR
Privacy Zone	Yes, customized threshold privacy zone (up to 8)
Image Orientation	Mirror, Flip, Both
Frequency Control	NTSC(60Hz) / PAL(50Hz)

Intelligent Video & Event Management

Motion Detection	3-level sensitivity
Audio Detection	3-level sensitivity
Smart Encoding	Configurable ROI for better picture quality
Others	Snapshot, e-PTZ, Optimized i-frame (GOP) setting
Events	Motion detection, audio detection, external alarm
Event Actions	Event snapshot to remote FTP storage (schedule, alarm input, motion and audio detection) / email recipients (alarm input, motion and audio detection)
Store Category	Motion Detection / Alarm / Audio Detection / Schedule event recording; Manual Snapshot

Network

Protocol	IPv4, HTTP, HTTPS, TCP, RTSP/RTCP/RTP, ICMP, UDP, IGMP, DNS, DHCP, ARP, NTP, SNMP, UPnP, SMTP, FTP, DDNS, PPPoE, Bonjour, 802.1X
Ethernet	10Base-T/100Base-TX Ethernet connection for LAN /WAN, RJ-45
PoE	IEEE 802.3af, Class 0
ONVIF	Yes
Browser	Internet Explorer 8.0 or above
Security	Multiple user access levels with password protection; IEEE 802.1X network access control, HTTPS encryption

I/O & Controls

Power	2-pin terminal block/ Female RJ45
Alarm In/Out	Terminal block 1 in/1 out
Network	RJ-45 with LEDs
Audio In/Out	Terminal block 1 in/1 out
Analog Video	1 x composite video out, micro JST
Reset	Reset & Default button

Power

Power Requirement	AC 24V ± 10%/PoE (IEEE 802.3af) *PoE not supported when heater is on
Power Consumption (Max.)	W/Heater: 15W (Heater ON) , 8W (Heater OFF)

Mechanical

Dimensions (WxDxH)	115 x 264 x 110 mm (4.53" x 10.39" x 4.33")
Weight	1650g (3.64 lb)
3-Axis	Yes
Protection	IP67
Battery Backed-up Real-time Clock	Yes; Internal RTC

Environmental

Operating Temperature	Powered by AC24V: -40°C ~ 50°C (-40°F ~ 122 °F); Powered by PoE: -10°C ~ 50°C (-14°F ~ 122°F)
Operating Humidity	90% RH, non-condensing
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)

Regulatory

Approvals	CE, FCC, RoHS

Ordering Information

Model No.	NTSC: LPR606-N2-MES; PAL: LPR606-P2-MES

Dimensions

- Power In (Red+/Black-)
- RJ-45/PoE
- Audio Out
- Audio In
- Alarm Out
- Alarm In

102mm (4.01")
110mm (4.33")
101mm (3.97")
252mm (9.92")
264mm (10.39")
115mm (4.52")