

Lynet M504 – On-the-move ANPR+MMR (PoE+)

compact camera

| Imaging | Lynet M504 Zoom (Wide) | Lynet M504 (Tele) |
|--|--|-------------------|
| Maximum resolution (HxV pixels): framerate | 2472x2048 (5 Mpx) : 30 fps | |
| Shutter | Color, Global Shutter | |
| Day/night switch | Light sensor, configurable quick auto-switching day/night mode, automatic brightness control | |
| Lens | Motorized zoom and focus, remotely adjustable | fixed |
| Focal length | 3-8 mm | 12 mm |
| Optical zoom | 2.6x | - |
| Angle of View (HxV) | Zoom min.: 68° × 51° Zoom max.: 38° × 28.5° | 31° × 21° |

Custom sensor configurations (e.g., resolution, color or b/w), optics (zoom or fix, focal length, etc.) and filters (IR-band, IR-Cut, All Pass, and Polarized) are available upon request.

Distance Range

| | | |
|---|-------------------------------|------------------------------------|
| Optimal ANPR range at ambient light or at 0 lux | 2 m – 15 m (6 feet – 50 feet) | 5.5 m – 18.5 m (18 feet – 61 feet) |
|---|-------------------------------|------------------------------------|

ANPR range can be tailored with different lens and sensor combinations to meet specific project requirements.

Illumination

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|--------------------|---|
| Wavelength | 850 nm (infrared) |
| Illumination modes | Synchronized flash (can pass sync signal to external units) |

Any required wavelength (white, 760nm IR, 850nm IR, etc.) even mixed with different beam-angles are also available upon request.

Processing & I/O

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|-------------------------|--|
| Processing unit | ARM 2 x 2.2 GHz + 6 x 1.8 GHz |
| Communication protocols | ONVIF, API, NTP, TCP/IPv4, DHCP, DNS, FTP, SFTP, HTTP, HTTPS, RTSP, SNMP |

Electrical Data

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|-------------------------------|--|
| Typical / Maximum Consumption | 8 W / 15 W |
| Power requirement | PoE+ (IEE 802.3at) |
| Connectivity | Power&Data: 1 x M12, X-coded, 8-pin (female) GPIO: 1 x M8, 4-pin (female) |

On-Board Intelligence

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| CARMEN® ANPR | Included |
| CARMEN® Make and Model, Color Recognition | Included |
| Video analytics | Included |
| Trigger sources | Plate finder (built in analytics), External Software trigger (through IP), Hardware-based (through GPIO port) |
| GDS compliant | Yes |
| Data storage | 128 GB (integrated), ~ 35 000 event Additional AI-based features can be enabled for selected projects. |

Mechanical Data

| | |
|--------------------------------|---|
| Internal operating temperature | -45 °C – 70 °C (-49 °F – 158 °F) |
| Dimensions L x W x H | 82 mm × 107 mm × 55 mm (3.2" × 4.2" × 2.2") |
| Weight without bracket | 0.6 kg (1.3 lbs) |

Accessories

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|-------------|--|
| Accessories | RJ45-M12X (Ethernet&Data) cable, M8 (GPIO) cable, shield options, bracket options, magnetic roof mount |
|-------------|--|

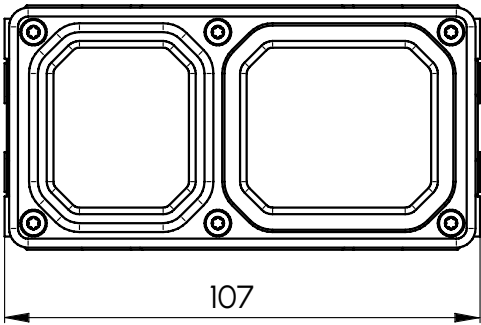
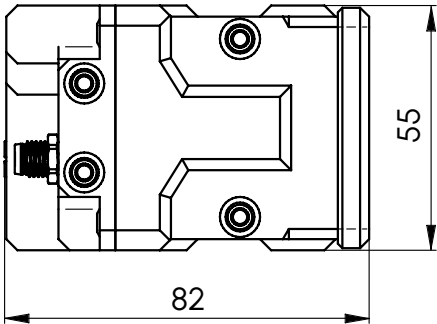
Certificates

| | |
|-------------|-------------------------------|
| Certificate | CE, FCC, RoHS, NDAA compliant |
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Technical specifications are subject to change without prior notice. This document does not constitute an offer. For any specific requirements beyond our standard products, custom configurations are available. Please contact our sales team to discuss your project needs and explore tailored solutions. We are happy to help.



On-Board ANPR+MMR, powered by:



Made in EU

