ISS
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SecurOS™ Motus LT357

Specialized Turnkey Solution for LPR/ANPR

SecurOS™ Motus LT357 is an IP-based automatic license plate recognition camera designed for SecurOS Auto. The camera provides unbeatable ANPR precision for commercial facilities and law enforcement applications.

Integrated IR illuminators and a high resolution image of the SecurOS™ Motus LT357 help provide the most accurate and reliable recognition results in both day and night modes under variable weather conditions. SecurOS Motus LT357 incorporates a motorized zoom lens in a thoughtfully designed waterproof unibody enclosure with an IP67 rating.

Key Features

- Equipment ships as a ready-to-use all-in-one unit with limited wiring required
- Specially designed for severe weather conditions in accordance with harsh environment requirements
- SecurOS platform supports up to 155 mph (250 km/h)[1]
- Includes SecurOS Auto Low Speed License
- Easy remote calibration and camera configuration adjustments
- Built-in remotely configurable IR illuminator
- Superior image quality and ANPR precision
- Recognize plates from two lanes of traffic
- High environmental protection class — IP67
- 2MP camera resolution
- FCC and CE certified
- 1 year warranty

Applications

Law Enforcement
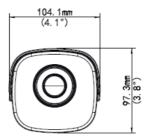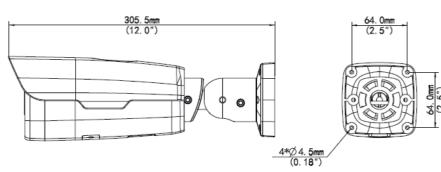

Campus Security

Border Security

Parking Facilities

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Specifications

Image	
Resolution	2MP
Sensor Type	CMOS, 1/2.8", Color
Exposure Control / Shutter Type	Auto/Manual, 1 sec to 1/100000 sec
Output Video Format	H.264 and H.265
Max Frame Rate	Up to 30 FPS

LPR Parameters	
Supported Vehicle Speed	Up to 155 mph (250 km/h)[1] Up to 25 mph (40 km/h)[2]
Operating Length / Width	9.84ft to 82.02ft (3m to 25m)
Operating Width	Up to 26.25ft (8m) / Up to 2 Lanes
Vertical / Horizontal Angle	30° / 25°

Lens	
Lens Type	Varifocal, 4.7mm to 47mm
Zoom / Focus	Adjustable, Motorized
Iris	DC-Iris

Illumination	
Illumination Type	IR
IR Distance	Up to 98.43ft (30m)
Intensity Level	Seamlessly Adjustable

Electrical and Mechanical	
Max Power Consumption	13.7W
Input Voltage	12 VDC ±25%, 24VAC ±25%, or PoE (IEEE802.3 at)
Electromagnetic Immunity & Emissions	FCC/CE
Operating Temperature	-40°F to +140°F (-40°C to +60°C)
IP Rating	IP67
Weight	3.60 lbs (1.65 kg)
Dimensions (LxHxW)	12.0" x 4.10" x 3.80" (305.50mm x 104.10mm x 97.30mm)

Ordering Information	
SecurOS™ Motus Lite Part Numbers	**SMT-LT357-IR:** *SecurOS™ Motus LT357 FullHD IP Camera with IR Illuminator. ISS Specialized License Plate Recognition Camera with 1920x1080 maximum resolution. Includes housing, motorized lens, built-in IR illuminator, 12 VDC / 24 VAC power supply, and SecurOS™ Auto - Low Speed software license. SecurOS camera stream licenses must be purchased separately.* **SMT-LT03-JB:** *SecurOS™ Motus LT357/LT556-XR Junction Box* **SMT-LT03-BR:** *SecurOS™ Motus LT357/LT556-XR Pole Mount Adapter (Bracket)*

Technical Illustrations

Illustration dimensions are in millimeters

[1] SecurOS Auto High Speed License upgrade required. For speeds over 75 mph (120 km/h) a camera upgrade will be required.

[2] Using included SecurOS Auto Low Speed License.

The information contained in this document, is subject to change or can be updated without prior notice.

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