

TURNING VIDEO INTO INTELLIGENCE



INTELLIGENT SECURITY SYSTEMS

SecurOS™ MOTUS

Specialized Turnkey Solution for LPR/ANPR

SecurOS™ MOTUS 452 is an IP-based automatic license plate recognition camera designed for SecurOS Auto — High-speed. It provides unbeatable ANPR precision for commercial facilities and law enforcement applications.

Integrated illuminators (white-light LED or IR) and a high-resolution IP camera of SecurOS™ Motus 452 provide the most accurate and reliable image quality in both day and night modes under variable weather conditions. SecurOS Motus 452 incorporates a motorized zoom lens in a thoughtfully designed waterproof unibody enclosure

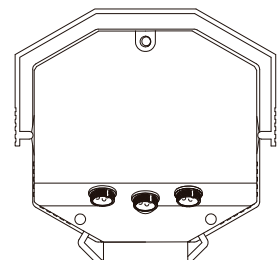
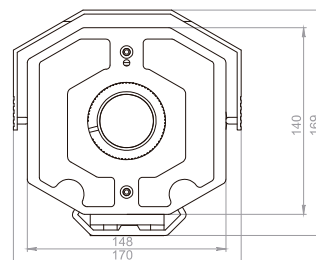
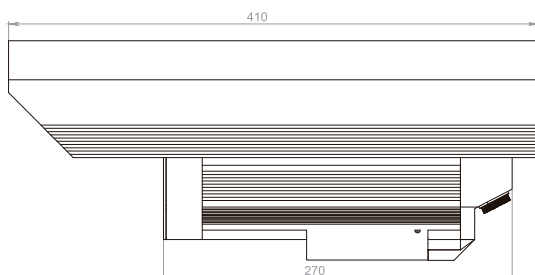


Key Features

- 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
- Easy remote calibration and camera configuration adjustments
- Built-in remotely configurable white-light or IR illuminator
- Superior image quality and ANPR precision
- Recognize plates from two lanes of traffic
- High environmental protection class — IP67
- Adjustable wall-mount bracket is included, optional pole-mount bracket can be supplied
- Low power consumption
- FCC and CE certified
- 2 year warranty

Technical Illustrations

Illustration dimensions are in millimeters



Specifications

Imaging	
Resolution	1920 x 1080 Pixels
Sensor Type	CMOS, 1/2.8", Color
Exposure Control / Shutter Type	Software Adjustable, Rolling Shutter
Output Video Format	H.264 High Profile
Max Frame Rate	Up to 30 FPS
LPR Parameters	
Supported Vehicle Speed	155 mph (250 km/h) and Higher
Operating Length	Up to 131 ft (40 m)
Operating Width	Up to 26 ft (8 m) / Up to 2 Lanes
Vertical Angle	Up to 40°
Horizontal Angle	Up to 25°
Lens	
Iris Type	Varifocal, 8-50 mm
Focus	DC Auto Iris
Zoom	Adjustable, Motorized
Illumination System	
Illumination Type	IR or White light LED
Number of LEDs	12
Illumination Angle	15/30°
Intensity Level	Preconfigured Modes Low/Middle/High
Electrical and Mechanical Parameters	
Max Power Consumption	45 W
Input Voltage	85-264 VAC
Electromagnetic Immunity & Emissions	FCC Part 15, Subpart B / IEC 61000-6-3 / IEC 61000-6-2 / EN 55011:2010
Operating Temperature	+ 14°F ... +140°F (-10°C ... +60°C) for 452S Model - 40°F ... +113°F (-40°C ... +45°C) for 452N Model
IP Rating	IP67
Weight	12.1 lbs (5.5 kg)
Dimensions	10.6 (16.1) x 6.6 x 6.7 inches (270 (410) x 169 x 170 mm)
Housing Material	Aluminum



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