

Specialized Turnkey Solution for LPR/ANPR SecurOS Motus 452



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.

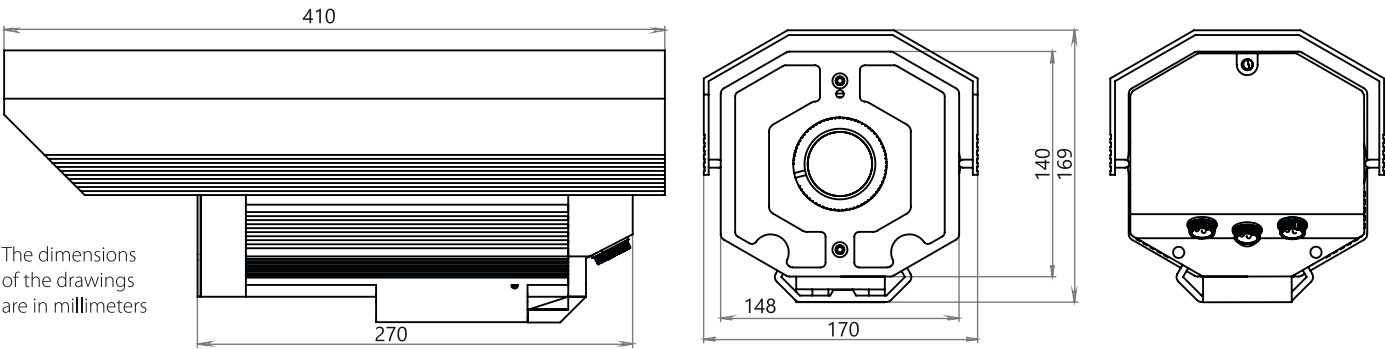
Overview

Integrated illuminators (white-light LED or IR) and a high-resolution IP camera of SecurOS Motus 452 provides the most accurate and reliable image quality in both day and night modes under variable weather conditions. SecurOS Motus 452 has a motorized zoom lens and thoughtfully designed unibody waterproof 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
- Easy remote calibration and camera's 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 years warranty

Technical Drawings



Datasheet

Imaging		Electrical and Mechanical parameters	
Resolution	1920 x 1080 pixels	Max power consumption	45 W
Sensor Type	CMOS, 1/2.8", color	Input voltage	85-264 VAC
Exposure Control / Shutter type	Software adjustable, rolling shutter	Electromagnetic immunity & emissions	FCC Part 15, Subpart B IEC 61000-6-3 IEC 61000-6-2 EN 55011:2010
Output video format	H.264 high profile	Operating temperature	-10° C ... +60° C (for 452S model) -40° C ... + 45° C (for 452N model)
Max frame rate	Up to 30 fps	IP rating	IP67
LPR parameters		Weight	5.5 kg (12.1 lbs)
Supported vehicle speed	250 km/h and higher	Dimensions	270 (410) x 169 x 170 mm (10.6 (16.1) x 6.6 x 6.7 inches)
Operating length	Up to 131 ft (40 m)	Housing material	Aluminum
Operating width	Up to 8 m		
Vertical angle	Up to 40°		
Horizontal angle	Up to 25°		
Lens			
Lens type	Varifocal, 8-50 mm		
Iris type	DC Auto iris		
Focus & 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		