Plate.Gate ‘Ruby’

Use the latest license plate recognition technology for maximum convenience with Plate.Gate 'Ruby'. A combination of infrared and color image sensor guarantees the best detection rates at all times of day and night and in a wide range of environmental conditions.

Standard Version

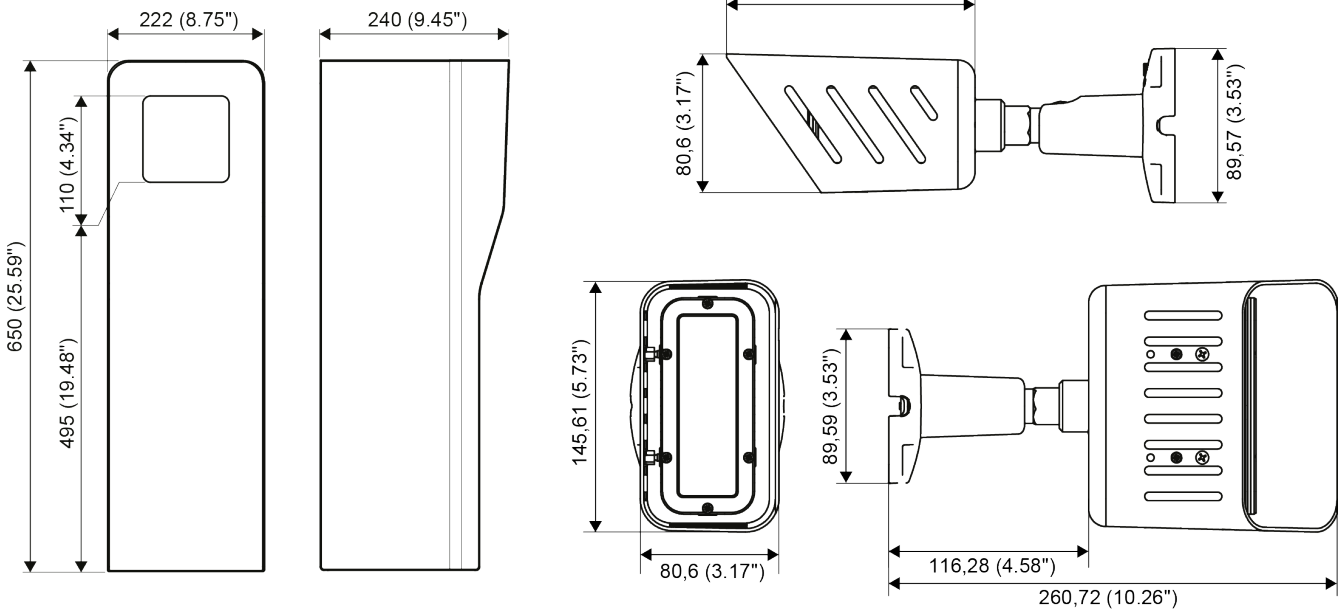
- Camera with two image sensors (1× IR sensor 850 nm and 1× color sensor)
- Active IR LED illumination
- Two housing variants are available:
  - Bollard for floor mount
  - Housing incl. weather protection roof and adjustable bracket for wall and ceiling mounting

Features

- All-in-one license plate camera with built-in AI-based software and dual sensor configuration
- Integrated for use with PlateTech
- Simple connection and cabling via PoE+
- Intuitive and quick configuration
- Vehicle speeds up to 60 km/h

Options

- Installation kit for pole mounting



all dimensions in mm

Technical Details

Dimensions	Bollard housing: 200 mm × 650 mm × 240 mm / 7.87" × 25.59" × 9.45" (w × h × d) Camera with sunshield and mounting arm: 261 mm × 146 mm × 81 mm / 10.28" × 5.75" × 3.19" (w × h × d)
Weight	Bollard: 11.87 kg / 26.17 lbs Camera incl. wall mount and sunshield: 0.97 kg / 2.14 lbs
Operating voltage	PoE+ (802.3at-2009)
Power consumption	Typical 12 W; maximum 24 W
Temperature range	–30 °C to +60 °C (–22 °F to 140 °F) shaded
Temperature range storage	–40 °C to +85 °C (–40 °F to 185 °F)
Maximum humidity	90 % (non-condensing)
Recommended operating distance	1 m to 12 m
Sensor properties	Resolution: 3840 × 2160; 10 FPS per sensor for OCR analysis Exposure control: automatic with configurable maximum ROI: configurable ranges, independent for infrared and color sensor
Processing properties	CPU: multi-core processor with integrated OCR engine OS: Linux Ubuntu Data storage: internal flash memory; expandable with USB OCR: internal AI-based OCR engine (calibrated for local market)
Illumination	Type: IR pulsating light, wavelength: 850 nm
Lens	Fixed lens
Protection class based on IEC 60529	IP66/67 (Camera module)
Additional features	USB port inside the camera Web configurator HTTPS/HTTP, 10/100 Mbps Ethernet Protocol: PlateTech
Certifications	CE (incl. WEEE), UKCA, RCM
System requirements	PlateTech.Logic V3.0 or higher

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