Picture may vary from actual product

Plate.Gate ‘Cube’

automatic,
quick, reliable

With Plate.Gate ‚Cube‘, you take advantage of license plate recognition for efficient access management. Tomorrow’s technology for comfort and safety today - for you and your customers.

Reliability and security

The infrared license plate camera provides dependable identification of license plates both day and night. State-of-the-art image processing algorithms and AI-based OCR software ensure that the vehicle is reliably identified via the license plate.

Speed and comfort

The integrated high-performance processor achieves high-speed reading whether the vehicle is moving or stationary. Authorization for the entrance and exit can be checked without the use of tickets.

Easy installation, flexible implementation

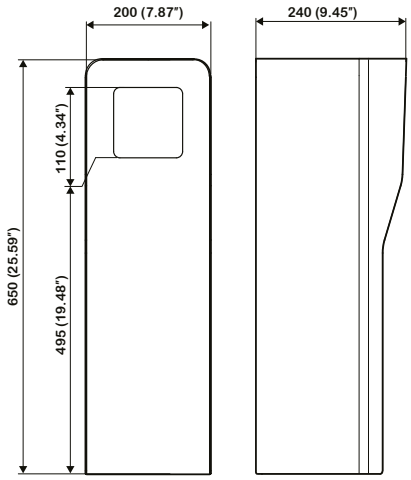
The “all-in-one” unit includes all the necessary components and can be installed easily. Different setups allow for the adaptation to your specific requirements. For floor mounting, a specially designed housing provides protection and an attractive look.

A perfect match

All SKIDATA solution components are designed for optimal coordination. Combine Plate.Gate ‘Cube’ and SKIDATA’s Parking.Logic together with Platetech.Logic for the highest possible recognition rate in addition to maximum security and comfort.

SKIDATA®
KUDELSKI GROUP

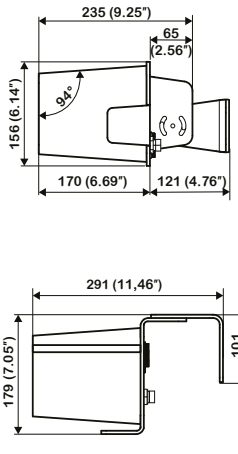
Bollard Housing



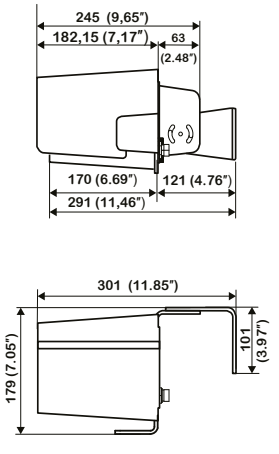
all dimensions in mm

Cube Housing

Without Sunroof



With Sunroof



Features

- All-in-one license plate camera with infrared-sensor for use with reflective license plates and with additional color sensor for use with non-reflective license plates
- Fully integrated with PlateTech.Logic

Options

- Optional 12 V-power adapter or power-over-ethernet injector
- Sunroof (for Cube-housing)
- Connector cable for GPIO / Power and Ethernet

Standard Version

- Configuration with single infrared-sensor
- Configuration with dual sensor
  (1 × infrared-sensor and 1 × color-sensor)
- Two housing options are available:
  - Bollard for floor mount
  - Cube-housing for wall / pole / ceiling mount

Technical Specifications	
Dimensions	With bollard: 200 mm × 650 mm × 240 mm / 7.87" × 25.59" × 9.45" (w × h × d) Camera only: 179 mm × 156 mm × 235 mm / 7.05" × 6.14" × 9.24" (w × h × d)
Weight	1.4 kg / 3.09 lbs (Camera Only)
Input Voltage	12 VDC/PoE
Power consumption	Single sensor camera: typically 10 W, max. 11,5 W Dual Sensor camera: typically 12 W, max. 12,95 W
Temperature range	–20 °C to +55 °C / –4 °F to 131 °F (no direct sunlight) –20 °C to +55 °C / –4 °F to 131 °F (direct sunlight with sunroof)
Storage temperature range	–30 °C to +80 °C / –22 °F to 176 °F
Optical Features	Sensor: double CMOS sensor 2nd generation Pregius series Reolution: 1456 × 1088 B&W and color Size: 1/3" B&W and color; Frame rate: up to 40 FPS Exposure control: Global shutter, adjustable ROI: up to 30 different ROIs
Processing Features	CPU: high-performance Storage: 4 GB Flash emmc type; RAM: 2 GB OCR: built-in LectorVision Engine OS: Linux Yocto
Illumination Features	Type: IR pulsed light Wavelength: 940 nm Flash time: adjustable up to 1500 µs
Lens	Type: 5.1-50 mm motorized Iris: motorized, remote control Zoom: motorized, remote control Focus: Motorized, remote control; autofocus feature on start up Filter type: IR high pass 940 for B&W lens/IR cut for color lens
Video Channel	Number of channels: 3 video channels Encoder type: independent H264/MJPEG format for each channel Frame rate: up to 40 FPS different from sensor settings and independent for each channel MJPEG quality: 3 different quality modes H264: 3 different quality modes
Degree of protection (based on IEC 60529)	IP67 (Cube housing only)
Additional Features	3 additional input /2 outputs WEB configurator; second sensor optional GigEthernet 10/100/1000 RTSP protocol for image transmission
Declarations / Certifications	CE (incl. WEEE), RCM (Australia)
System Requirements	PlateTech.Logic V3.0 or higher

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