

GEKO | 300

4K LICENCE PLATE RECOGNITION CAMERA

#Security



7/24 HIGH PERFORMANCE FOR ALL LIGHT CONDITIONS WITH SINGLE CAMERA
LICENCE PLATE RECOGNITION IN TWO LANES
INTEGRATED LIGHT SENSOR IN CAMERA UNIT
LICENSE PLATE/MAKE/TYPER/COLOR RECOGNITION IN SINGLE COMPACT UNIT
VEHICLE AND DRIVER SILHOUETTE DETECTION CAPABILITY AT NIGHT TIME
RECOGNITION OF VEHICLES RUNNING UP TO 200KM/H
DAY/NIGHT RECOGNITION OF NON-RETROREFLECTIVE LICENSE PLATES
ABILITY TO ESTABLISH SPEED CORRIDORS



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Technical Specifications

• OCR	: ANPR Engine on Board
• ANPR Camera	: 3840 x 2160 Color Day/Night Global Shutter CMOS Sensor, With Special ASELSAN Filters for Night
• Lens	: 12-36 MM
• Illuminator	: Special ASELSAN High Power Infrared @ 850nm
	: Day/Night Recognition of Non-Retroreflective License Plates
	: Vehicle and Driver Silhouette Detection Capability at Night Time
• Operating System	: Linux
• Connectors	: Waterproof Circular Connector (RJ45, Power, IR Synchronization, Alarm/IO)
• Operating & Storage Temp.	: -40°C ~ +60°C / -40°C ~ +70°C
• Operating & Storage Hum.	: 95% or Less (Non-Condensing)
• Protection Levels	: IP66 / IK10
• Power Supply Voltage	: 24 VDC / POE+
• Power Consumption	: 30W
• Web Server	: Installation and Configuration by Web Server On Board
• Date and Hour	: Synchronization via NTP Protocol
• Software Update	: Upgrading via Web Interface and FTP protocol
• Data Transmission	: FTP, REST
• Streaming	: Web socket, RTSP
• Security	: HTTPS
• Vehicle Speed	: Up to 200 km/s
• Speed Corridor	: Yes
• 7/24 High Perf. For All Light Cond.	: Yes
• Brand/Class./Color Rec. Front	: Yes
• Brand/Class./Color Rec. Behind	: Yes
• Vehicle Detection Rate	: ≥ %98
• Licence Plate Recognition Rate	: ≥ %95
• Make Recognition Rate	: ≥ %85
• Type Recognition Rate	: ≥ %85
• Color Recognition Rate	: ≥ %85
• On Board Database	: Yes (up to 250.000 Records)
• Data Interface	: 10Base-T / 100Base-TX (Ethernet)
• Trigger Interface	: Vehicle Detection / Digital IO
• On-Board Storage	: Up to 256 GB

Specifications are subject to change without any notice. | All tolerances are within ±10%.