

GEKO | 200

ADVANCED ANPR SYSTEM

#Security



7/24 HIGH PERFORMANCE FOR ALL LIGHT CONDITIONS WITH SINGLE CAMERA
MOTORIZED AUTOFOCUS ZOOM LENS MODULE
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
ABILITY TO ESTABLISH RED LIGHT VIOLATION DETECTION SYSTEM



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Technical Specifications

• OCR	: ANPR Engine on Board
• ANPR Camera	: 2048 x 1536 Color Day/Night Global Shutter CMOS Sensor With Special ASELSAN Filters for Night
• Lens	: Motorized 10 - 45 mm Autofocus Zoom
• 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)
• Operating & Storage Temp.	: -40° to 60°C / -40° to 70°C
• Operating & Storage Humidity	: 95% or Less (Non-Condensing)
• Protection Levels	: IP66 & IK10
• Power Supply Voltage	: 24 VDC
• Power Consumption	: ≤ 30W
• Web Server	: Installation and Configuration by Web Server On Board
• Time Synchronization	: Synchronization via NTP Protocol
• Software Update	: Upgrading via Web Interface and FTP protocol
• Data Transmission	: FTP Client for Remote Data Transmission
• Streaming	: Web Socket, RTSP
• Max Vehicle Speed Detection	: Up to 200 km/s
• Speed Corridor Ability	: Yes
• Vehicle Detection Rate	: ≥ %96
• Licence Plate Recognition Rate	: ≥ %95
• Make Recognition Rate	: ≥ %85
• Type Recognition Rate	: ≥ %85
• Color Recognition Rate	: ≥ %85
• On Board Database	: Yes (up to 500.000 records)
• Data Interface	: 10Base-T / 100Base-TX (Ethernet)
• Trigger Interface	: Motion Detection / Vehicle Detection / Digital IO
• On-Board Storage	: Up to 256 GB