

# GEKO | 100

ANPR SYSTEM

#Security



DUAL CAMERA FOR INCREASED LICENSE PLATE AND COLOR RECOGNITION  
24/7 HIGH PERFORMANCE IN ALL LIGHT CONDITIONS  
LICENSE PLATE/MAKE/TYPER/COLOR RECOGNITION IN A SINGLE COMPACT UNIT  
VEHICLE AND DRIVER SILHOUETTE DETECTION CAPABILITY AT NIGHT  
RECOGNITION OF VEHICLES WITH UP TO 180 KM/H SPEED  
DAY/NIGHT RECOGNITION OF NON-RETROREFLECTIVE LICENSE PLATES  
ABILITY TO ESTABLISH SPEED CORRIDORS



**aselsan**

### Technical Specifications

• OCR	: ANPR engine on board
• ANPR Camera	: 2048 x 1536 Monochrome Global Shutter CMOS Sensor
• Context Camera	: 2048 x 1536 Color Global Shutter CMOS Sensor
• Lens	: C-Mount. Mono Focal Lens, Different Focal Lengths Available
• 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 50°C
• Operating & Storage Humidity	: 95% or Less (non-condensing)
• Protection Levels	: IP66 & IK10
• Power Supply Voltage	: 24 VDC
• Power Consumption	: 40W
• 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	: Video Streaming via Standard HLS and RTP Protocols
• Max Vehicle Speed Detection	: Up to 180 km/s
• Speed Corridor Ability	: Yes
• Vehicle Detection Rate	: ≥ %95
• Licence Plate Recognition Rate	: ≥ %95
• Make Recognition Rate	: ≥ %85
• Type Recognition Rate	: ≥ %85
• Color Recogniton 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