

SMART VEHICLE IDENTIFICATION

V87 SMART ANPR CAMERA

MODEL LD-V87-D

Purpose-built parking entrance and exit camera with on-board license-plate recognition, dual trigger modes and direct integration interfaces for automated barrier control.



≥98%

PLATE RECOGNITION
ACCURACY*

1080P

MAXIMUM VIDEO OUTPUT

0.01 LUX

MINIMUM ILLUMINATION

IP65

OUTDOOR PROTECTION

Engineered for automated vehicle access

EDGE RECOGNITION • PARKING INTEGRATION • 24/7 CAPTURE

AI

On-board recognition engine

A specialized license-plate recognition chip processes plate information at the camera for responsive lane operation.

2X

Flexible triggering

Video trigger and induction-loop trigger options support different lane layouts and access-control strategies.

LED

Low-light capture support

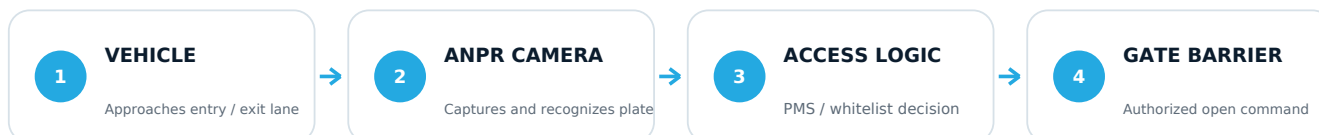
A 0.01 lux sensor and four high-power white LEDs support clear capture across changing site illumination.

I/O

Barrier-ready connectivity

Dual inputs, dual outputs and two RS485 channels enable connection to controllers, loops and parking barriers.

Typical parking access workflow



Application-ready for

01

Commercial parking

Controlled entry and exit lanes

02

Residential access

Tenant and visitor authorization

03

Corporate facilities

Employee and fleet access

04

Ticketless workflows

PMS-linked vehicle identification

*Recognition performance depends on plate condition, site geometry, lighting, vehicle speed and local configuration.

Technical specifications

PARKING ENTRANCE / EXIT ANPR CAMERA | LD-V87-D

Imaging & recognition

PRODUCT NAME	Parking Entrance ALPR / ANPR Camera
MODEL NO.	LD-V87-D
PROCESSOR	Specialized license-plate recognition chip
IMAGE SENSOR	1/3" CMOS image sensor
MIN. ILLUMINATION	0.01 lux
LENS	6 mm fixed-focus lens
BUILT-IN LIGHT	4 high-power LED white lights
RECOGNITION	≥98% plate-recognition accuracy*
PLATE FORMATS	International / overseas license plates
TRIGGER MODES	Video trigger or induction-loop trigger

Video & image output

VIDEO RESOLUTIONS	1080P (1920 x 1080), 960P (1280 x 960), 720P (1280 x 720), D1 (704 x 576), CIF (352 x 288)
STILL IMAGE	2-megapixel JPEG
COMPRESSION	H.264 High / Main / Baseline Profiles; MJPEG

Interfaces & control

ETHERNET	10/100 Mbps, RJ45
DIGITAL I/O	2 inputs and 2 outputs via 3.5 mm terminals
SERIAL	2 x RS485
AUDIO	1 input and 1 output
LOCAL STORAGE	MicroSD / TF, SD 2.0, up to 32 GB

System integration

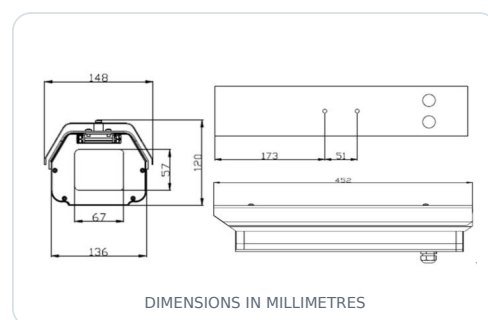
BARRIER CONTROL

Use the camera I/O or RS485 connection to exchange lane events and authorized-open commands with the access controller or parking-management system.

EVENT EVIDENCE

Plate recognition records can be paired with 2 MP JPEG captures and video streams for transaction review when supported by the connected software.

Mechanical envelope



Physical & environmental

POWER SUPPLY	AC 220 V
CONSUMPTION	≤7.5 W
TEMPERATURE	-25°C to +70°C
PROTECTION	IP65
DIMENSIONS	452 (L) x 148 (W) x 120 (H) mm
WEIGHT	2.7 kg

Commissioning guidance

- Align the optical axis with the lane and expected plate position.
- Avoid extreme horizontal or vertical plate angles and direct glare.
- Select video or loop triggering to match the required lane logic.
- Verify the required country and plate categories during site setup.
- Test recognition and barrier interlocks under real traffic conditions.

Configuration note

SITE VALIDATION REQUIRED

Final recognition accuracy depends on plate condition, regional plate formats, lighting, mounting geometry, vehicle speed and software configuration. Confirm UAE plate classes and lane performance during commissioning.

Product design, specifications, available functions and colours may change without prior notice as part of continuous product improvement. Images are for reference. Verify final project compatibility before order and installation.