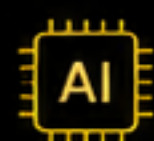




Optima ANPR100 is a high-performance server-based Automatic Number Plate Recognition (ANPR) camera designed for large-scale parking facilities, airports, smart cities, industrial sites, and enterprise access control applications. Equipped with a high-resolution 5 MP AI-powered camera, it delivers fast and highly accurate license plate recognition. All data is processed, stored and managed on a central server, enabling real-time monitoring, blacklist / whitelist control, advanced reporting and seamless integration with third-party systems.



AI-Powered
Recognition

5MP

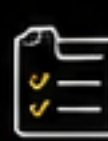
5 MP High
Resolution



Server-Based
Architecture



Centralized
Database



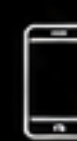
Real-time Blacklist /
Whitelist Matching



Advanced
Reporting



3rd Party
Integration
(Open API)



Mobile Access
(iOS & Android)



PoE
(IEEE 802.3af/at)
or 12V DC



24/7 Reliable
Operation

KEY FEATURES

- ✓ High accuracy AI engine for license plate recognition
- ✓ 5 MP high resolution image sensor
- ✓ IR & White Light illumination for day and night operation
- ✓ Designed for server-based centralized processing
- ✓ Real-time blacklist / whitelist matching
- ✓ Supports high camera capacity from a single server
- ✓ Open API for seamless third party integration
- ✓ Cross-platform mobile access (iOS & Android)
- ✓ PoE (IEEE 802.3af/at) or 12V DC power supply
- ✓ IP67 weatherproof housing for outdoor installation
- ✓ Easy installation and remote configuration

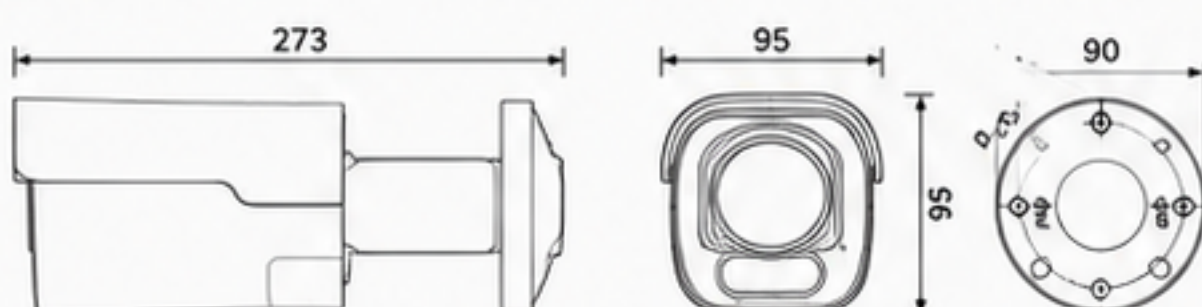
TYPICAL APPLICATIONS

- Airports
- Parking Management
- Smart Cities
- Industrial Facilities
- Access Control
- Tolling Systems
- Logistics & Warehouses
- Government & Campuses

TECHNICAL SPECIFICATIONS

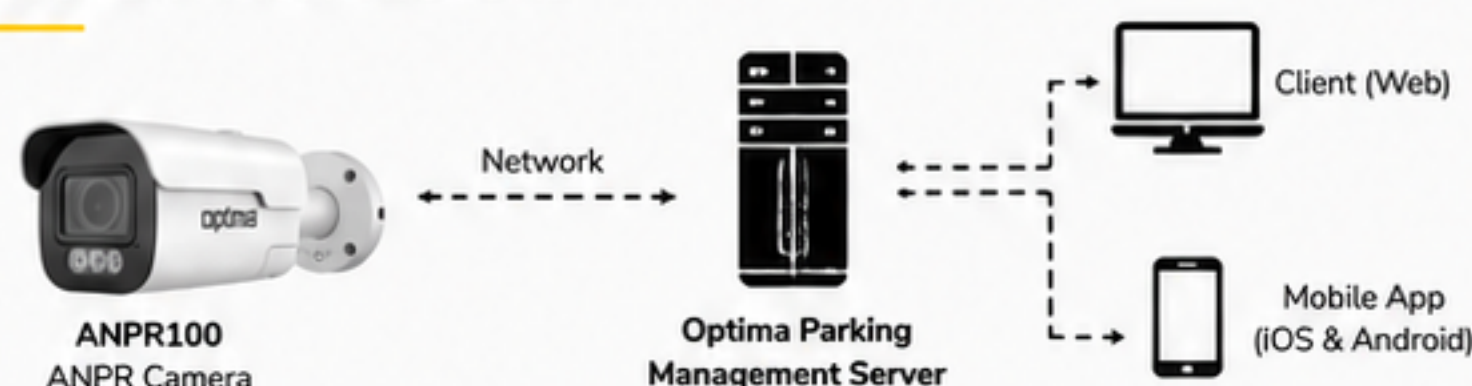
Image Sensor	1/2.7" CMOS
Resolution	5 MP (2592 × 1944)
Lens	Motorized 2.7 ~ 13.5 mm
IR Illumination	Up to 50 m
White Light Illumination	Up to 40 m
Minimum Illumination	Color: 0.005 Lux @ F1.6 B/W: 0.001 Lux @ F1.6
Shutter Speed	1/25 s ~ 1/100,000 s
Video Compression	H.265 / H.264 / MJPEG
Frame Rate	Up to 25/30 fps
ANPR Performance	> 99% recognition accuracy
Network Interface	1 x RJ45 10/100/1000M
Communication	TCP/IP, HTTP, HTTPS, FTP, NTP, DHCP, DNS
Integration	Open API (REST API / HTTP)
Mobile Access	iOS & Android
Power Supply	12V DC / PoE (IEEE 802.3af/at)
Power Consumption	< 12 W
Operating Temperature	-30 °C ~ +60 °C
Protection Rating	IP67
Dimensions	273 × 95 × 95 mm
Weight	Approx. 1.4 kg

DIMENSIONS (mm)



Unit: mm

SYSTEM ARCHITECTURE



INTELLIGENT RECOGNITION
SECURE ACCESS, SMARTER PARKING.



Reliable Performance
High accuracy recognition
in all conditions.



Centralized Management
All cameras managed from
a single powerful server.



Seamless Integration
Open API for easy integration
with third-party systems.



www.optima.tc