SNP141
MAG License Plate Recognition

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SNP141 - MAG License Plate Recognition

Description

Introducing the SNP141, the pinnacle of license plate recognition technology. Engineered with precision and cutting-edge AI, this advanced system delivers unparalleled accuracy and speed in identifying and capturing vehicle license plates.
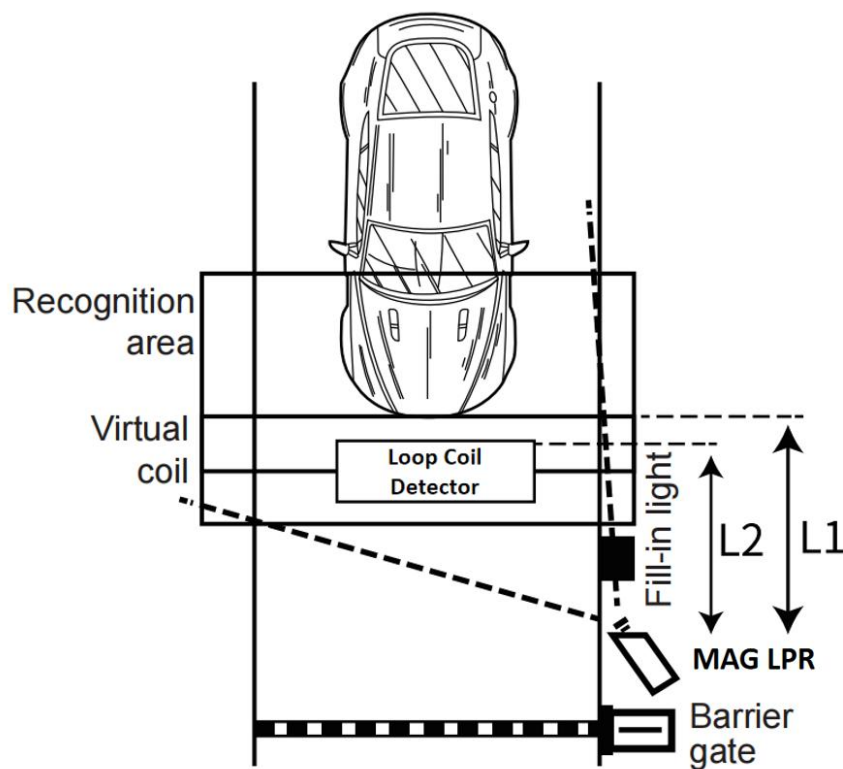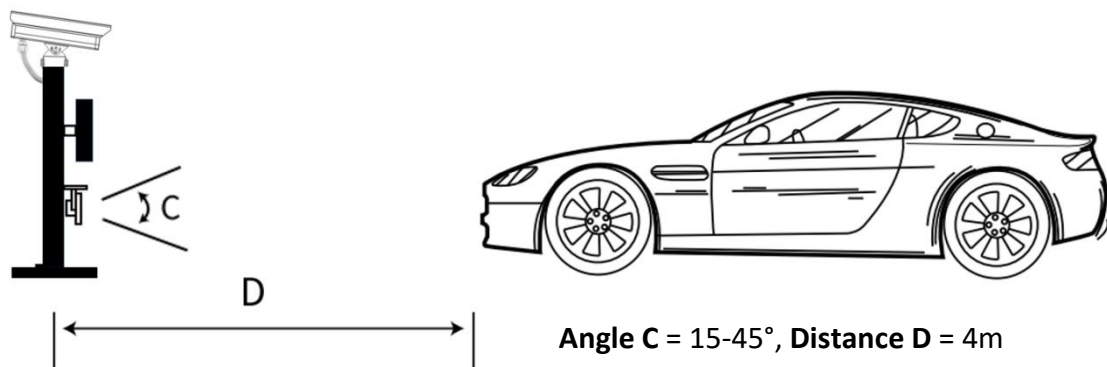
Key Features

- **Superior Accuracy** : Boasting industry-leading accuracy rates, the SNP141 can reliably recognize license plates in various lighting conditions and angles.

- **Real-time Processing**: With its powerful processing capabilities, the SNP141 can capture and process license plates in real time.

- **Robust Hardware**: Built to withstand harsh environments, the SNP141 features durable construction and weatherproofing to ensure reliable performance in outdoor settings.

- **Versatility**: The SNP141 is designed to be adaptable to various environments and use cases from security surveillance to parking access control.

SPECIFICATION

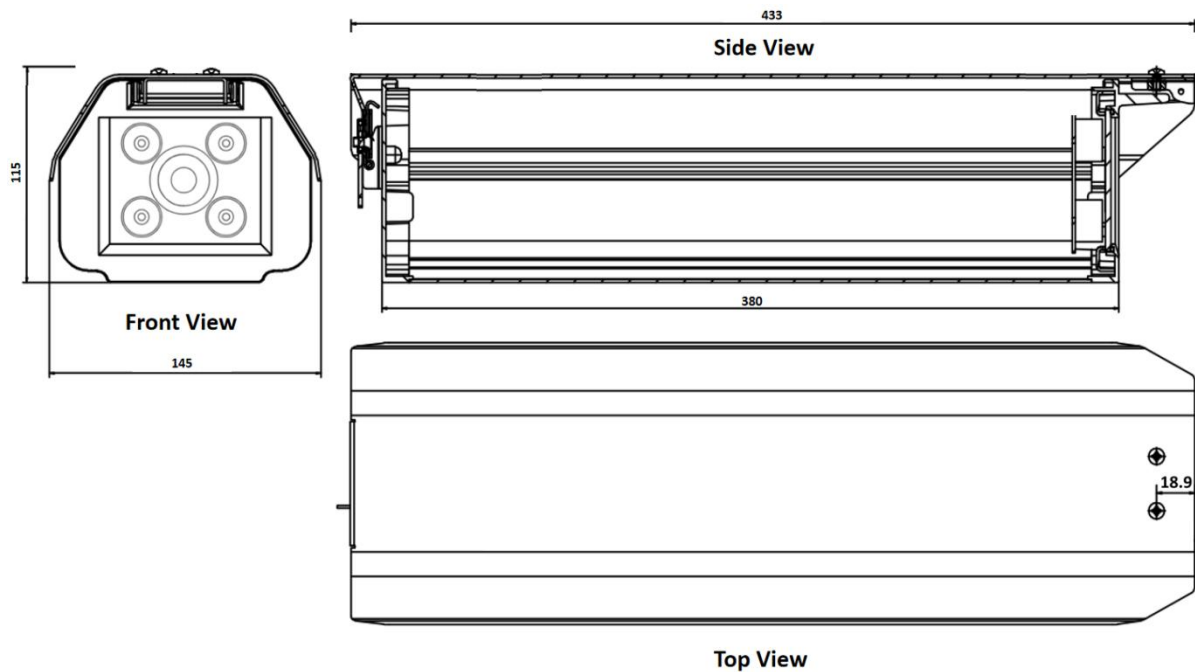# Technical Parameters

General	
Power Supply	220VAC - 240VAC (50hz/60hz)
Power Consumption	12VDC 3A (Around 20W)
Operating Temperature	-20°C to 70°C
IP Rating	IP65
Dimensions	433mm x 145mm x 115mm (L x W x H)
Camera	
Image Sensor	5MP CIS
Max. Resolution	2592 x 1944
Lowest Illumination	0.01Lux color (with fill light)
Standard Configuration	6mm Prime Lens
Wide Dynamic	Support
Electronic Shutter	0 - 1 ms (manual/auto), up to 0 - 8ms Max.
Video	
Compression	H.265/H.264/MJPEG
Resolution	800*600, 1280*960, 1600*1200, 2048*1536, 2304*1728, 2592*1944
Bit Rate	512 kbps - 5000 kbps
Frame Rate	1 - 25 frames, (default 25 frames @ 1600*1200)
Image Setting	Brightness, Contrast, Saturation, Image rotation, exposure time, etc
Noise Reduction	Support 2D/3D noise reduction
Interface	
Network Interface	RJ-45 (10/100Mbps) & RJ-45 (10/100/1000Mbps)
I/O terminal	4 input channels & 4 output channels
RS485	2 channels
SD Card Slot	1 Micro SD Card Slot (Support Up to 256GB)
Communication protocol	ONVIF, HTTP, RTSP, TCP/IP
Intelligence	
Capturing rate	Capturing rate ≧99.99%
Recognition rate	Recognition rate ≧90% (standard JPJ license plate)
ISP	AI ISP (AI Image Signal Processing), scene-adaptive
Barrier Control	Relay output control
Detection Mode	Support video detection or loop detection

Recommended Installation

- Installation of camera within 15-45° (Normally around 20°)
- Detection range around 4m

Angle C = 15-45°, **Distance D** = 4m

Dimension

Side View
433
380
18.9

Front View
115
145

Top View

*Product performances is based on testing in a controlled environment. Your result may vary due to several external and environment factors.