

SECURUS SS-VZ50L5-LPR-VF-M5 | 5.0MP ANPR Camera



Function Description :-

The intelligent ANPR camera are designed to meet the needs of a wide range of applications including traffic management, Police, Security, Parking and tolling in addition to further intelligent Transport System (ITS) requirements.

High-precision vehicle and license plate recognition algorithm

- The mature video vehicle detection technology can identify vehicles running at 0-50 Km/H (See Algorithm specification) without stopping them for card swiping or embedding ground loops.
- Support the recognition of unlicensed vehicles and features code comparison.
- Support the video triggering, coil trigger, vehicle capture rate exceeds 99% recognition rate exceeds 99% (See Algorithm Specification)

Adaptive to complicated environments

- Can work under a variety of special circumstances : wide roads, short depth, vehicles from multiple directions, etc.
- Support ultra-wide dynamic image optimization and dynamic adjustment of plate image parameters, and adapt to complicated lighting scenarios: front/back lighting.

5MP low light HD Camera

- SONY ½.8" Progressive Scan, CMOS, Provide 2592 x 1944 @ 25fps
- Support H.265/H.264/MJPEG video compression, multi-level video quality configuration.
- 120db WDR supportable for backlight environment.

Support diversified businesses

- Support built-in white lists.
- Support secondary development inside the camera and allow offline billing
- Free SDK: support multiple linking solutions such as the dynamic link library (DLL) and com components, support a variety of development languages like C, C++, C#, VB, Delphi, Java, etc.

Parameter	Details
Model	SS-VZ50L5-LPR-VF-M5
Make	SECURUS
Hardware Indexes	
Name	Intelligent ANPR Camera
Processor	Specialized License Plate Recognition Chip
Sensor Type	SONY 1/2.8" Progressive Scan CMOS
Minimum Illumination	0.1 Lux
Electronic Shutter	0-1 ms, 0-2ms, 0-3ms, 0-4ms
Range	50 Meters
Lens	CS mountable, 5.0mm ~ 50mm
WDR	120db
Performance Indexes	
Plate recognition rate	99% (if the optional recognition condition met)
Recognizable license plates	India

Parameter	Details
Triggering mode	Video triggering, Coil trigger, vehicle capturing rate $\geq 99\%$
Image Output	1944P(2592 x 1944), 1080P(1920x1080), 720P(1280x720)
Picture Output	5 Megapixel JPEG
Video Compression Format	H.265/H.264/MJPEG
Interface And Electric Parameters	
Network Interfaces	10/100M network adaptive, RJ45 adaptor
IO Interface	4 input/2 Output
Audio Interface	1 audio input (line in)/ 1 audio output (line out)
Serial Interfaces	1 RS485
TF Card	Support SD2.0 standard micro SD(TF) card with a maximum capacity of 128Gb
Power Supply	12V DC
Power Consumption	$\leq 5W$
Working Temperature	-20 C - +70 C
Protection Level	IP 65
Size(mm)	45(mm)x130mm(W)x104mm(H)
Gross Weight	2.5 Kg

In the comprehensive test, 99% of the recognition rate should be used under the condition of the following optimal recognition range restriction indicators. The recognition rate is not guaranteed to be 99% although it can be recognized within the general recognition range supported.

Algorithm Specifications		
Condition	General Recognition Range	Optimal Recognition Range
Car Speeds	< 50Km/h	<30Km/h
Installation Level Angle	<60	<40
Installation Depression Angle	15-40	<20
Read Range	2-7m	3-5mm
Plate Pixel	80-600 Pixel	140-240 Pixel
Recognizable License Plates	India (According to common license plate type in India, it is normal that the algorithm does not correctly identify the sample font that has never appeared)	
Recognizable Plate Definition	The License Plate is clearly recognizable, free of stains and deformation. If the human observation is difficult to recognize, the algorithm is not correctly identified as a normal phenomenon	

Securus Overview

Securus CCTV is one of the Largest Indian Manufacturer & Supplier of Video Surveillance Products like High Definition Cameras, Standalone Recorders, Network Recorders, POE Switches, Video Management Surveillance Software, CCTV & Networking Cables for Surveillance & Other Surveillance Products & Solutions. Powered by In House R&D Team & State-of-the Art Factory in Electronic Zone Gandhinagar. We Manufacture Products under the **Make in India** Initiative.



Securus AI Technology



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