Indoor Parking Guidance Camera

Introduction

Milesight Indoor Parking Guidance Camera is a is a state-of-the-art device designed to optimize parking management with 24/7 monitoring.

With precise occupancy monitoring, it accurately identifies available parking spaces in real time. The inte grated indicator lights provide clear visual cues, making it easier for drivers to find vacant spots quickly a nd efficiently. Besides, it is also able to provide various attributes of vehicles for further data analysis. Th us, helping with data-driven insights for enhanced parking efficiency, parking guidance, driver experience, reduced cost, energy saving, increased revenue and etc.

Milesight Indoor Parking Guidance Camera is specifically tailored for scenarios with large indoor or semi-outdoor parking applications such as shopping malls, universities, office buildings, residential buildings, train station, airports and etc.



Features

- 120dB super WDR (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 120dB)
- Intelligent AI-powered LPR Algorithm (Support detection of multiple vehicles attributes including license plate, color, type, brand.)

- Extremely High Detection Accuracy (More than 99.9% parking occupancy detection accuracy, 98% LPR occupancy, and 95% attribute recognition accuracy can be supported for parking management.)
- Audio Out Interface (Support audio out interface for easy management and various needs.)
- Flexible Lens Adjustment (The dual lens of the device can be flexibly adjusted as needed with a range of 30 pan and 60 tilt, to more accurately cover parking spaces.)
- PoE Daisy Chain Supported (By using an optional AC Adapter to cascade up to 6 devices, supporting simultaneous power supply and networking without using the DC interface.)

◆ Specifications

Model	**PM3322-E**
Camera	
Image Sensor	1/2.8” Progressive Scan CMOS
WDR	120dB Supper WDR
Min. Illumination	Color: 0.008 Lux @F1.6
Shutter Time	1/100000s~1s
LED Indicator	Default: Red (all occupied), Green (available), Blue (available for special parking). Adjustable: Orange, Yellow, Cyan and Purple. Supports indicator flashing.
Parking Management	
Parking Occupancy Detection Accuracy	≥ 99.9%
LPR Accuracy	>98%
Attribute Recognition Accuracy	>95%
Parking Space Detection	Up to 6 Parking Spaces for Parking Detection with attributes recognition
Attribute Identification	License Plate, Plate Color, Vehicle Type, Vehicle Color
Country Region Supported	More than 60 countries and regions
Lens	
Lens	2.8mm*2@F1.6
Field of View	H106°/D127°/V56°
Angle Adjustment	Pan: 0° to 60°

	Tilt: 0° to 30°
Video	
Max. Image Resolution	2048 × 1536
Video Compression	H.264
Video Bit Rate	16Kbps~16Mbps (CBR/VBR Adjustable)
Image Setting	Brightness/Contrast/Saturation/Sharpness
Interface	
Ethernet Port	1 × RJ45 10/100Mbps Ethernet Port
Audio Out	1
RS485	Support
Network	
Protocol	MQTT, TCP/IP, HTTP, HTTPS, RTSP, UPnP, DDNS, SNMP
Physical Characteristics	
Operating Temperature	-40°C ~60°C
Relative Humidity	5% ~90% (Non-condensing)
Ingress Protection	Up to IP65 for weather-resistant performance
Surge Protection	6kV
Weight	500g
Dimension	160mm × 97.5 mm
Warranty	3 years

◆ Structure Diagrams





