



ASIA VISION  
GLOBAL LEADING OCR EXPERT



# VECON-VIS PARK

Vehicle Parking Guidance and Searching System



## KEY FEATURES

- Low cost per parking space: VECON-VISPARK-CAM can cover up to 3 parking lots
- Three Level Parking Guidance: Entrance guide, region guide and LED Parking Space indication guide
- Front end video detection and license plate recognition reduce network burden and enhance stability of the system
- Real time status monitoring
- Support hot swap standby: Enhance reliability and stability
- VECON-VISPARK-CAM connected by network simplify the installation

As the leader of intelligent transportation, AVT uses video detection, license plate recognition and networking technology to develop an intelligent vehicle searching and parking guidance information system. This innovative parking guidance system makes parking more safe, convenient and efficient.

VECON-VISPARK provides comprehensive information for the parking management services, increases efficiency and reduces daily operation cost. It optimizes the parking management which provides easier and more convenient parking route guidance and shortens the time in searching for available parking lots. In addition, it is an efficient parking management platform for monitoring the violation use of monthly car parking space.



## VECON-VISPARK-CAM

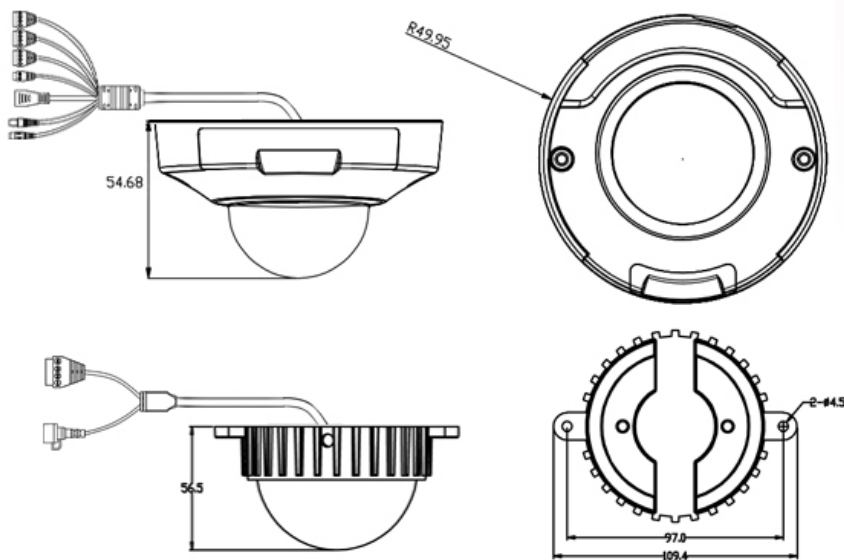
Next Generation IP camera  
covers up to 3 parking lots

VECON-VISPARK-CAM, embedded with Dual Stream Support intelligent camera, is developed for the VECON-VISPARK. The built-in intelligent video analysis technology can detect and recognize the vehicle plate number, collect the parking space data and automatically control the parking space indication LED light. It can indicate the parking lot availability by switching the LED lights.

The VECON-VISPARK-CAM will collect both the parking lot information and license plate number and send them to the system management system. The user can find the vehicle position through the search machine. The camera is connected to the work station by TCP/IP. The work station will send the available parking lots information to the LED display and show the route.

Product	VISPARK-CAM N2P/ N2H	N2P: PoE version N2H: Hub-to-Hub Version
IP Rating	IP66	
Image Sensor	Progressive Scan CMOS	
Transmission Stream Rate	Dual Stream (Stream rate: 20Kb-10M, Default stream rate 4M)	
Lens Interface	3.6mm IR Lens	
Shutter Control	NTSC: 1/60-1/100,000s PAL:1/50-1/100,000s	
Resolution	2592(H)*1520(V)	
Video Compressing standard	H.264/ H.265	
Image Setting	Hue, Contrast, Brightness, Sharpness, Saturation	
Basic Protocol	TCP/IP, UDP, HTTP, SMTP, PPPoE, DDNS, SNTP, DHCP, FTP, uPnP, RTSP, HTTPS, IPv6	
Network Support	ONVIF Profile S, SDK, Milestone	

Remote Control	RS485*1	Power Supply	DC12V, PoE(Optional)
Online Upgrade	Support	Power	<8W
IE Access	Support	Temperature	-30~ +60°C
Network	RJ45*1 10M/100M	Storage	NVR
Video Output	CVBS	Installation	Installation with Bracket



## KEY FEATURES

- IR Lens with adjustable focus can cover up to 3 parking lots
- Support up to 3 LED indicators (7 colours) independently controlled
- Support PoE or Hub-to-Hub
- Fast Processing speed
- High resolution output
- Support video stream
- Support motion detection alarm function (can set multiple areas and sensitivity) and sensor alarm function
- Capture and record images while monitoring
- Automatic recovery with network reconnects function when the network disconnects
- Power efficient LED, high brightness low power



## VEHICLE GUIDANCE

VECON-VISPARK-CAM is installed on the roof top of the parking lot to detect the status of parking lot. It can control the color of the parking space occupancy LED indicator to track the status of the parking lot. The VECON-VISPARK-CAM helps to collect the parking lot information and transfer to the VECON-VISPARK Management server for update. The 'Display and Guidance Module' of VECON-VISPARK will update the parking space availability and the real time indicate on the Parking Lot LED display board. The driver can select the parking region with the nearest availability parking lot by the LED Guide LED display board. The VECON-VISPARK makes parking simple, fast and efficient.

## SMARTPHONE APPS

The VECON-VISPARK system supports web framework and can be accessed through mobile browsers. The driver can simply search the vehicle location by scanning the VECON-VISPARK QR codes displayed at the car park entrance or exit. The driver can login the VECON-VISPARK website directly, then input the vehicle plate number, parking lot number or the time of arrival. The VECON-VISPARK mobile apps can search for the vehicle location and provide the driver with the route to their car.



Vehicle drives into the car park



Parking Space Available Indication Board



Parking Lots Available LED Indication Board



Parking Space Found





## VEHICLE SEARCHING FUNCTION

Searching Kiosks are located at the parking entrance or the escalator. This device provides a convenient means to search for the vehicle position and show the walking path to the vehicle. By inputting the license plate number, parking lot number or the vehicle drive-in, the parking information is displayed instantly, which assists the driver to easily find their vehicle. The kiosk brings convenience to the parker.



## VEHICLE GUIDANCE AND SEARCHING BACK END MANAGEMENT SERVER

The administrator can monitor the status and mapping of the parking lot, VECON-VISPARK-CAM and LED display through the VECON-VISPARK back-end monitoring server.



[INFO88@ASIAVISION.COM.HK](mailto:INFO88@ASIAVISION.COM.HK)

[WWW.ASIAVISION.COM.HK](http://WWW.ASIAVISION.COM.HK)



**Head Office: Asia Vision Technology Ltd.**

Address : Office E, 11/F, YHC Tower, No.1 Sheung Yuet Road, Kowloon Bay, Kowloon, Hong Kong

Tel : (852) 2319 2648 Fax : (852) 2319 2665

**Subsidiary: AVT Technology (Shenzhen) Ltd.**

Address : Room 1703, 17/F, East Tower, Coastal Times Business Building, West Shennan Rd, Nanshan District, Shenzhen City, Guangdong Province, China

Tel : (86 755) 8982 6475 Fax : (86 755) 8611 0713