



### HARDWARE MATRIX

Name	4 MP Video Parking Space Detection Cameras
Model No.	CW400-V2 (2 Vehicle), CW400-V3 (3 Vehicle), CW400-V6 (6 Vehicle)
Processor	ARM License Plate Recognition Chip
Sensor Type	1/2.7" CMOS Image Sensor
Minimal Illumination	0.1 Lux
Support the number of Parking Spaces	CW400-V2 (2 Vehicle), CW400-V3 (3 Vehicle), CW400-V6 (6 Vehicle)
Camera Lens	2.8 mm (Standard) / 3.6mm / 6.0mm
Parking Space Indicator Lights	Seven Colors: Red, Yellow, Blue, Green, Cyan, Purple and White

### PERFORMANCE INDEX

License Plate Recognition Rate	≥99.8%
Change the Light Accuracy	≥99.8%



### PERFORMANCE INDEX

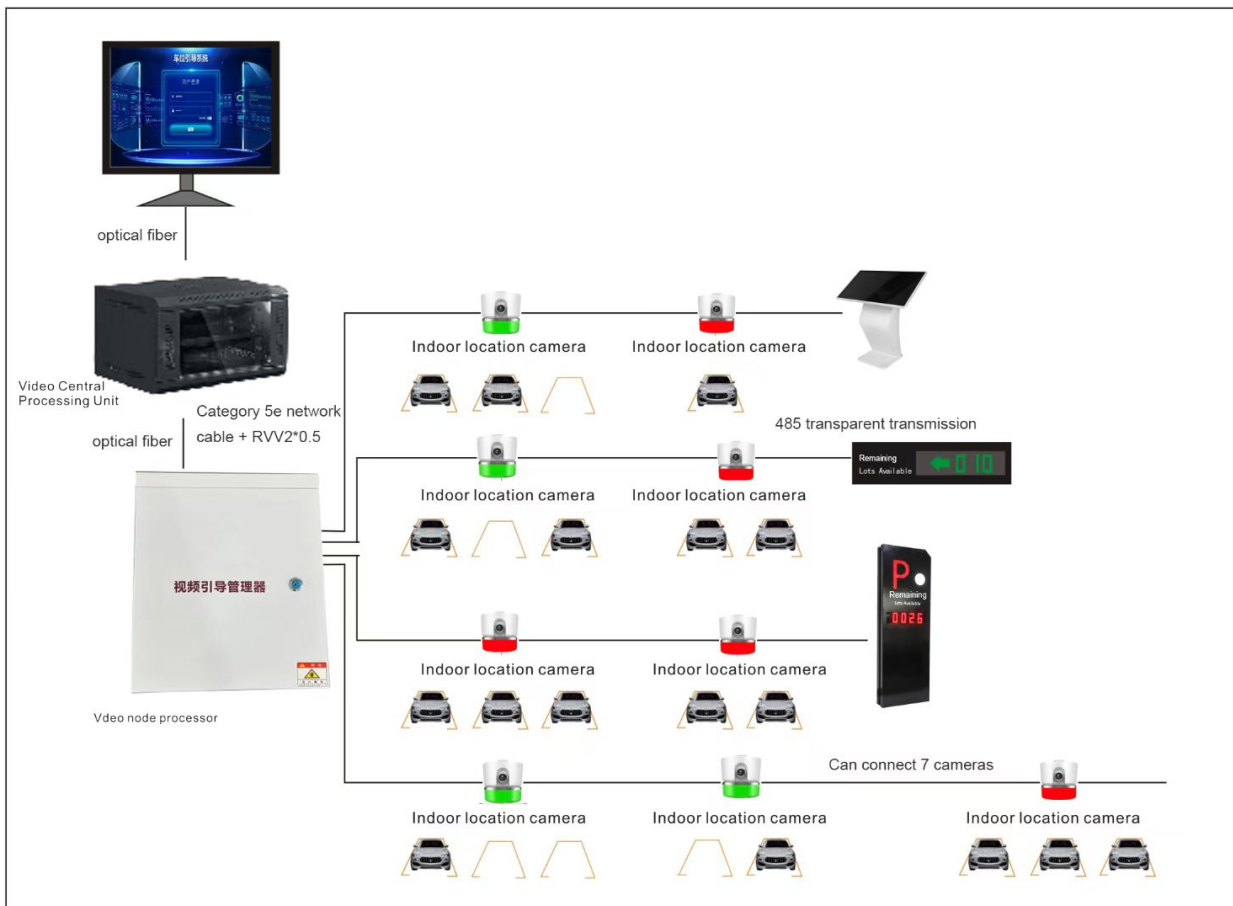
Types of License Plate Recognition	Pakistan Federal, Punjab, KP, Sindh, GB & Government, Guangdong/Hong Kong/Macao, Embassies and Consulates, Old Style Non-Reflective, Coach, New Energy (International Big and Small Cars), Emergency License Plate (International)
Unlicensed Vehicle Identification	Supports Front and Rear Identification
Do Not Block the Vehicle	Supported
Foreign Body Space Alarm	Supported
Personnel Stranded Alarm	Supported
One Car Occupies Many Seats	Supported
Video Resolution	Maximum 2560 x 1440
Image Resolution	Maximum 1440P
Video Compression Format	H.264 , H.265

### ELECTRICAL & INTERFACE PARAMETERS

Network Interface	10/100M Network Adaptive, RJ45 Adapter *2 Paths, Support Hand in Hand
External lamp Control Interface	3.81 Terminal *3 routes
iBeacon/ Lock Control	Supported (as Optional Item)

### ELECTRICAL & INTERFACE PARAMETERS

Voice Broadcast	Supported (as Optional Item)
485 ports	3.81 Terminal *1 Circuit
POE Supply Electricity	Supports POE+ (Optional) Power Supply Pins 45+, 78-
Bypass	Supported
Source	5.08 Terminal *1, Road, Standard DC12V, Support DC8-48V Wide Voltage Supply
Power Dissipation	No IO External Control Lamp is Less than 4W, including IO External Control Lamp is less than 8W
Working Temperature	-20°C~60°C
Size	φ118*124mm
Weight	450 g
Install	Rimming Bridge Installation Method



CW400 - V2, CW400 - V3, CW400 - V6

**40010,000 HD Resolution, equipped with high precision parking space detection and license plate recognition algorithm, the recognition accuracy and speed are leading in the industry, the comprehensive recognition rate can reach more than 99.8%.**

- o The deep learning CNN algorithm is adopted to greatly improve the recognition accuracy of unlicensed vehicles (supporting front and rear)
- o Supports customized voice broadcast and driving away, effectively solves the problem of inconvenient operation and control of the parking lot.
- o Supports Bluetooth control lock, camera direct control of the ground lock, no wiring
- o Support foreign object occupancy alarm, and provide inspection function for foreign object occupancy such as ice cream cylinder
- o Support the parking vehicle anti-obstruction function to effectively solve the frequent state changes caused by the parking vehicle being blocked by obstacles

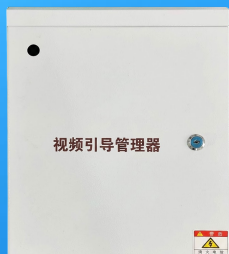
**Wide Voltage Design (DC8-48V), can support POE Power Supply, Power Supply Adaptability is Strong**

- o Supports optional Ibeacon module to realize Bluetooth indoor navigation
- o Supports 3 external IO indicator lights, which can realize one light per parking space. It adopts high-brightness energy-saving LED light tubes with high brightness and low power consumption, and supports 7-color indicator lights
- o Network hand-in-hand design, supporting multiple cameras network serial
- o Use components from first-class manufacturers in the industry, mature and stable hardware solutions, high reliability and high protection level of products
- o Equipped with low-light sensor, suitable for various low-light and front and back light environments, and can ensure better results

# VIDEO PARKING CAMERA

## OPTIONAL ACCESSORIES

**KARSUN**<sup>®</sup>



**JS - SK02**  
VIDEO NODE PROCESSOR

(Node) Video Boot Manager  
*Overall Dimensions :*  
350\*300\*150mm (L\*W\*H)  
*Number of Network Ports :* 8  
*Output Voltage :* Independent  
Power Supply 24V, PoE 48V  
Maximum number of Daisy-Chain  
*Circuits :* 7  
*Communication Method:* TCP/IP



**JS-K01Z**  
CENTRAL CONTROLLER

The central controller communicates with the host computer via Ethernet.



**JS - P001**  
ONE DIRECTION GUIDE DISPLAY  
LED SCREEN



**JS - P002**  
TWO DIRECTION GUIDE DISPLAY  
LED SCREEN



**JS - P003**  
THREE DIRECTION GUIDE DISPLAY  
LED SCREEN



**JS-PW01**  
OUTDOOR DISPLAY SCREEN

Double-Layer Display Screen  
*Dimensions :* 2000\*750\*200mm  
5.0 Acrylic Panel, Cold - Rolled Steel  
Shell with Painted Finish

# VIDEO PARKING CAMERA

## OPTIONAL ACCESSORIES



**KR-WP002**  
WAY FINDING EXTERNAL SIGN BOARD

Parking space quantity screen  
2 lines



**KR-WP003**  
WAY FINDING EXTERNAL SIGN BOARD

Parking space quantity screen  
3 lines



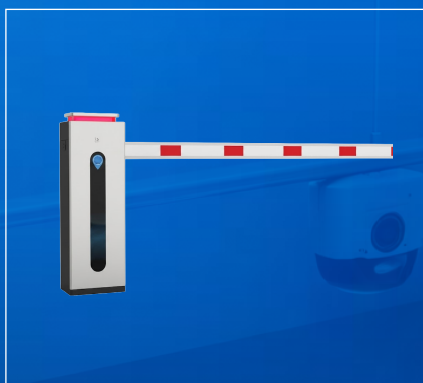
**JS-LPR01**  
LPR / ANPR CAMERA

LPR / ANPR Camera (embedded one build in Recognition Algorithm)+ LED Display + Backup Light + Stand  
*Camera* : 5.0 MP  
*Accessories* :  
Copper Wire Ground Sensing Coil  
Vehicle Detector



**KS-CTD01**  
ENTRANCE PAPER TICKET DISPENSER

*Device* : Chassis , Control Board , Power Supply , LED Display, LED Display Control Card + Power Supply, Air Switch



**JS-DC005**  
BARRIER ARM

DC Brushless motor  
Barrier arm 1-6m adjustable with LED indicator light



**KR-WP002**  
EXIT HANDHELD QR CODE SCANNER

Handheld QR code scanner used by exit security staff at the export counter / window

**CONSUMABLES : QR CODE TICKET PRINTING PAPER ROLL**

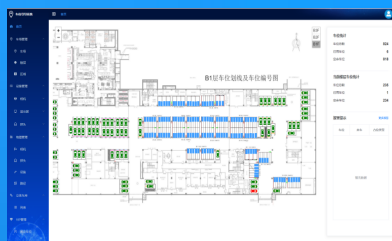
# VIDEO PARKING CAMERA

## OPTIONAL ACCESSORIES



**JS-PC03**

Professional Parking Management Software support collecting parking fee, white/black list setting, car parking management



**VIDEO CAMERA BASED PARKING MANAGEMENT SOFTWARE**

Features include reverse vehicle search, full license plate search, time search, parking space search, and advertising settings.

Download Link with Licensed Access will be provided



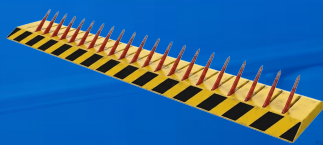
**JS-C032**  
VEHICLE LOCATOR & INQUIRY MACHINE

*Communication Method* : TCP/IP  
*Display System* : 32-inch LCD monitor



**TS-WD33 PLUS**  
100 SENSITIVITY LEVEL WALKTHROUGH GATE

7-inch touchscreen LCD display,  
Power Supply, AC110V-240V 50HZ / 60HZ  
*Weight* : 65kg  
*Power Consumption* : <20W  
*Operating Environment* : -25°C – +45°C  
*Detection Area* : Switchable between 6, 11, 18, and 33 zones.



**DX-P808**  
MOTORISED TYRE KILLER ROAD SPIKES

*Working Principle* : Electromechanical  
*Dimensions* : L (1000mm) \* W 500mm \* H 80mm  
*Material* : A3 Steel  
*Panel Thickness* : 10mm 2 meter



**DX-P808K**  
CONTROL BOX OF TIRE BREAKER

# VIDEO PARKING CAMERA

## OPTIONAL ACCESSORIES



**CPU / SERVER LOCALLY BY USER**

HP / DELL (CPU) 12 GEN i5



**DISPLAY MONITOR LOCALLY BY USER**



**CISCO 24 - PORT SWITCH LOCALLY BY USER**



**HZ-3400 UVIS**  
UNDER VEHICLE SURVEILLANCE  
SYSTEM

