

ULTRASONIC DETECTOR (UD-100)

The ultrasonic detector is non-contact measuring equipment that follows the working principle of ultrasonic distance measurement and measures distance based on the time difference caused after a whole process of emission of ultrasonic wave, reflection on of measured object and reception of echo. The product can reliably detect whether a car is parked in a parking space by controlling two colored indicators and avoid false detection. In a word, it is preferred for parking space detectors in the parking guidance system.



TECHNICAL DATA

Power supply	DC18V-24V
Power consumption	0.5W
Detection mode	Ultrasonic wave
Distance	0.3m-4.5m
Scope of detection	±15°
Distance setting	Automatic
Working environment	Temperature: -10°C-55°C; Humidity: · 90% RH (non-condensate)
Communication interface	RS485

Baud rate	9600 bps
Address coding	DIP setting
Size	105 x 105 x 61 (mm)
Weight	0.3 kg



ULTRASONIC DETECTOR (UD-101)

The integrated ultrasonic sensor is an important part of the parking guidance system. It integrates the detect sensor and indicator light in one set. Installed at the front of the parking space to detect real-time parking data information, control the light to indicate different status of the space. Communication data transmit through RS485 to zonal controller. It combined with ultrasonic sensor together with indicator light. Ultrasonic sensor is the main part of the device, it detects the space occupancy while the indicator light shows the color to tell the space is available or not. Green means space available, red means space occupied.

FUNCTIONS

- Unique Design, sharp design.
- Two independent cables transmit, integrated sensor with double transmit channels.
- Adopts various of combination for detection, higher stability and anti-jam capacity.
- Inbuilt LED design, long endurance and sharp visible.
- Diverge light cover enhance the light vision.
- Adopts advance anti jamming calculation to avoid side jamming interference and make

TECHNICAL DATA

Installation Height	2-3m (Automatic height adjustment)
Maximum Distance to Parking Space	1.0m
Maximum Power	5W
Working Voltage	DC 12-24V
Color	Red, Green, Blue, Purple, Cyan, Yellow and White
Default Color Combination	Red/Green, Red/Blue, Red/Yellow, Light Off/Green
Detection Angle	Adjustable
Communication	RS 485
Communication Rate	9600bps
Working Temperature	-40~+85°C
Size	142x139.3x99mm



VIDEO PGS (VDPGS-100)

Camera parking guidance system can help the drivers with the problem of hard to park and find the car in the indoor car park. The drivers can park their car quickly through watching the variable message sign and indicator light. The driver can also find their car easily by the car searching kiosk. Inputting the license plate or parking time, the drivers can find the car location and get the route to the car.

FUNCTIONS

- Parking space status recognition
- Inbuilt space indicator light
- Hand in hand networking
- Support NVR recording
- Install in one single trunking and monitor 2 sides parking spaces.

TECHNICAL DATA

Working Voltage	DC24V±10%
Power Consumption	8W (MAX)
Pixel	2 million pixels
Parking Space Status Recognition Accuracy	99.5%
License Plate Recognition Accuracy	Different country LPR recognition accuracy will be different
Environmental Illumination	≥10 lux
Communication Mode	TCP/IP
IP Grade	IP51
Working Temperature	-10°C-60°C
Working Humidity	10%-95% (No condensation)
Lens Fixed focus	2.8mm
Bitrate Control	Variable bitrate
Video Size	1280*720
Frames Per Second	25
Max Bitrate	4096Kbps
Dimension	117 x 90 mm

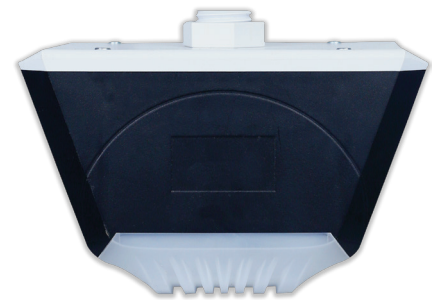
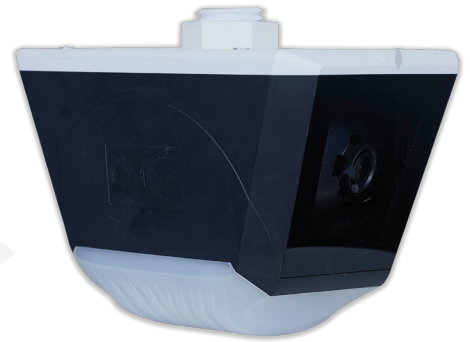


VIDEO PGS (VDPGS-101)

Camera sensor is the key equipment of camera parking guidance system. The mainly functions are parking space status recognition, recording of the parking spaces photos, license plate recognition and communicate with the data server through the network.

FUNCTIONS

- Parking space status recognition
- Inbuilt space indicator light
- Hand in hand networking
- Bluetooth location signal
- NVR full-time/motion detection recording
- Lens angle remote adjustment (up and down)
- install in one single trunking and monitor 2 sides parking spaces



TECHNICAL DATA

Working Voltage	DC24V±10%
Power Consumption	8W (MAX)
Pixel	2 million pixels
Parking Space Status Recognition Accuracy	99.5%
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Environmental Illumination	≥10 lux
Communication Mode	TCP/IP
IP Grade	IP51
Working Temperature	-10°C-60°C
Working Humidity	10%-95% (No condensation)
Lens Fixed focus	2.8mm
Bitrate Control	Variable bitrate
Video Size	1280*720
Frames Per Second	25
Max Bitrate	4096Kbps
Dimension	118.14 x 104.16 x 189.58 mm

DIRECTIONAL INDOOR DISPLAY

The directional indoor display is an auxiliary product of the parking guidance system. It is mainly installed at the entrance and exit of and control areas in the parking lot. It may issue the remaining parking space quantity in each area in real time, and guide car owners to find parking spaces quickly. This product is provided with standard RJ45 or RS485 communication mode and can display simplified Chinese, numbers, English, symbols, etc. If necessary, this product may also issue advertisement information to facilitate daily management on the parking lot.

TECHNICAL DATA

Parameter / Mode	DID-1W,5D(A)	DID-2W,12D(A)	DID-3W,16D(A)
Max. Power Consumption	≤ 50W	≤100W	≤ 120W
Dimensions	632-220.9-90(mm) 1465-220.9-90(mm)	1172.5-220.9-90(mm)	
Pixels	80x32	192x32	256x32
Lattice Distance	4.75mm	4.75mm	4.75mm
Screen weight	3.35kg	5.30kg	6.28kg
Display words	Single-line display, 5 digits a line Single-line display, 12 digits a line Single-line display, 16 digits a line		
Working power supply	AC 220V \pm 10%, 50 \pm 1Hz		
Display mode	Support four display modes: instant display, left shift, upward shift and, dynamic arrow		
Scanning Frequency	400 Hz		
Character Display	Supports GB2312 character set and 32 32 dot matrix common Chinese characters		
Color Display	Red & Green		
Communication Mode	RS485 & RJ45		
Brightness	≤650 cd/m ²		
Work Environment	Temperature: -20°C-50°C Humidity $\leq 95\%RH$ (No condensation)		
Range Of Application	Indoor		



ZONE CONTROLLER (CUC-14RR)

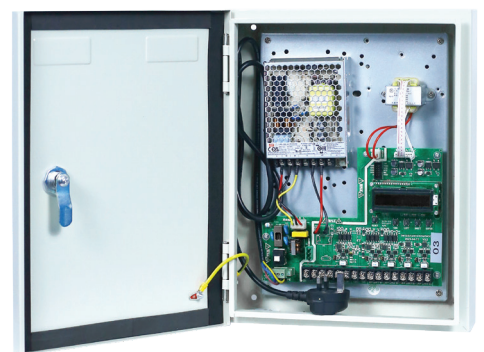
The ultrasonic control unit is a special device for the grouped management on ultrasonic detectors and the release of information in indoor information screen. It features real-time patrol detection function of the detector status. In event of change of parking space status, the ultrasonic control unit uploads the information automatically via CAN bus and at the same time updates the information in the indoor information screen and receives the commands from data concentrator. It's one important device in the parking guidance system.

FUNCTIONS

- Perform grouping management on ultrasonic detectors in each parking space
- Provide a centralized power supply for ultrasonic detectors
- Communicate with the data converter, upload data and receive commands
- Communicate with ultrasonic detectors, and collect parking space state data
- Have an LCD display interface through which the controller state can be viewed
- Be compatible with the control and collection of the park lot guidance software, and only support C/S architecture parking guidance software
- Respond to upper computer software or guide the server to read all detectors, and open/close executive
- instructions such as automatic uploading, time synchronization, online monitoring and remote software reset
- Electric isolation between communication uplink and downlink to reduce the failure rate
- Metallic shell, lock protection and easy installation

TECHNICAL DATA

Working power supply	AC220V±10% 50Hz±1Hz
Power output	DC24V/3A
Power consumption	≤10W
Communication mode	RS485
Baud rate	9600bps
Maximum load quantity	64 sensors
Maximum communication distance	400m
Display mode	LCD and LED indicators
Operating environment	Temperature 5°C-50°C, humidity < 90% RH (Noncondensing)
Dimensions	360x280x80(mm)
Weight	4.0kg



HANDHELD DISCOUNT VALIDATOR (HDV)

The MaxPark Handheld Discount Validator (HDV) is a cost-effective system for parking facilities that require full revenue reporting capabilities with high degree of accuracy and security. The Ticket Discount Validator (HDV) is used to validate a customer's season card, Touch 'n Go card, & ticket for issue a discounted or free parking ticket.

In order to leave the parking lot, user is requiring to insert this discounted or free parking card or ticket into Exit Terminal mounted at the exit point of the parking system, where the barrier boom is set to open after verifies a correct parking ticket. The discount rate can be change by logging into setup mode through the Modify Discount Rate page.

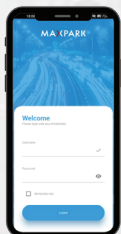


FUNCTIONS

- Support Season Card, Touch 'n Go card & Barcode Ticket
- 5.5" 720mm x 1280mm LCD display with backlight and adjustable contrast
- Multi-point capacitive touch panel which works effectively

TECHNICAL DATA

Power Adaptor	Input: 100 ~ 240V; Output: 5V / 2A
Battery	7.4V / 2600mAh
Environment	Operating temperature: 0 ~ 40°C Storage temperature: -10 ~ 50°C
Display	5.5" 720 x 1280
Touch Panel	Multi-point Capacitive Touch Panel
Button	Power key, Vol +/- Key
Dimensions	207.5 x 82 x 30.5mm
Weight	435g
Peripheral Ports	USB Type-C x 1(Support OTG) , 3.5mm Audio Jack x 1, Micro SIM x 1, TF Card x 1 (Up to 64GB), POGO PIN (6 PIN)



Login Page



User Modification & Access Page
Modify Discount Rate Page



Logfile record
discount transaction



Season Card Discount
Validation



Touch 'n Go Card Discount
Validation



Barcode Ticket Discount
Validation