

ParkSen® Ultrasonic Detector



EX-07C External Light



PS-200A

Front-Mount | 7-color | Self-Test | Bypass | >99% Accuracy | Daisy-Chained | 2-In-1 | None-lost

ParkSen® PS-200A is a front-mounted ultrasonic detector with a multi-color LED and dual-angle sensors. Setting up the PGS requires installing a detector in front of each parking space to get and display the parking spot status. Users can set various LED colors according to the properties of the parking space, for example, White light → VIP parking spots | blue light → handicapped parking space | red light → parking occupy. The indicator light installed at the concave-type parking space is not easy to be seen by the driver, connected to external lights displayed to match the actual application perfectly. The ParkSen® Ultrasonic Parking Space Detector communicates in real-time with the PSC-064 zone controller; the controller collects all information of detectors sent to the ParkHelper® parking management server to provide the best solution for the PGS application.

Key Features

Two in One



The simplified design simplifies installation and construction procedures by combining ultrasonic transceivers and LED indicators.

Self-Test



When the indicator light is damaged, it will actively message the Zone controller and parking management server to display relevant fault information and notify the manager.

Bypass Configuration



Bypass the failed devices to keep the system working well when using the Daisy-chained configuration.

ECO Design



ECO energy-saving design, the power consumption of the equipment is less than 0.5 watts, which meets the environmental protection requirements of energy saving and carbon reduction.

Related Products



ParkHelper® PGS Server



ParkDis® Parking Space Guidance Display



ParkSen® Zone Controller

Front-Mount Detection



Allow installing the equipment in front of the parking space grid to avoid disputes caused by the construction or the accidental damage of vehicles during installation and maintenance due to parked cars inside the grid.

Accuracy



Under correct installation conditions, the detection accuracy of the parking space state can reach more than 99%.

Light Indicator



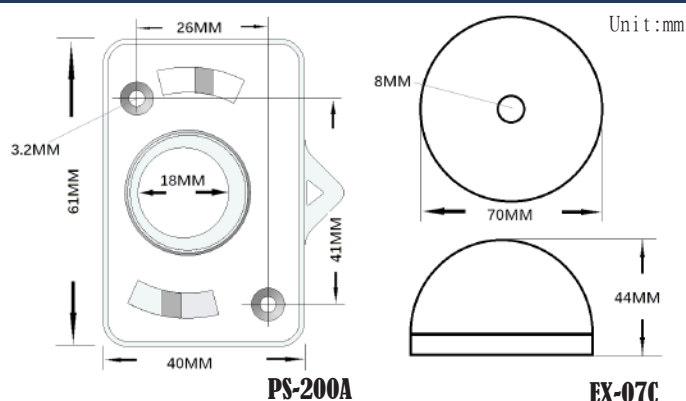
Built-in 7-color LED indicators, users can customize the color-matching relationship between parking spaces and indicators. Example, Blue → VIP parking space; White → Accessible parking space.

Anti-Interference



The built-in anti-interference circuit design can effectively reduce the misjudgment caused by external environmental factors.

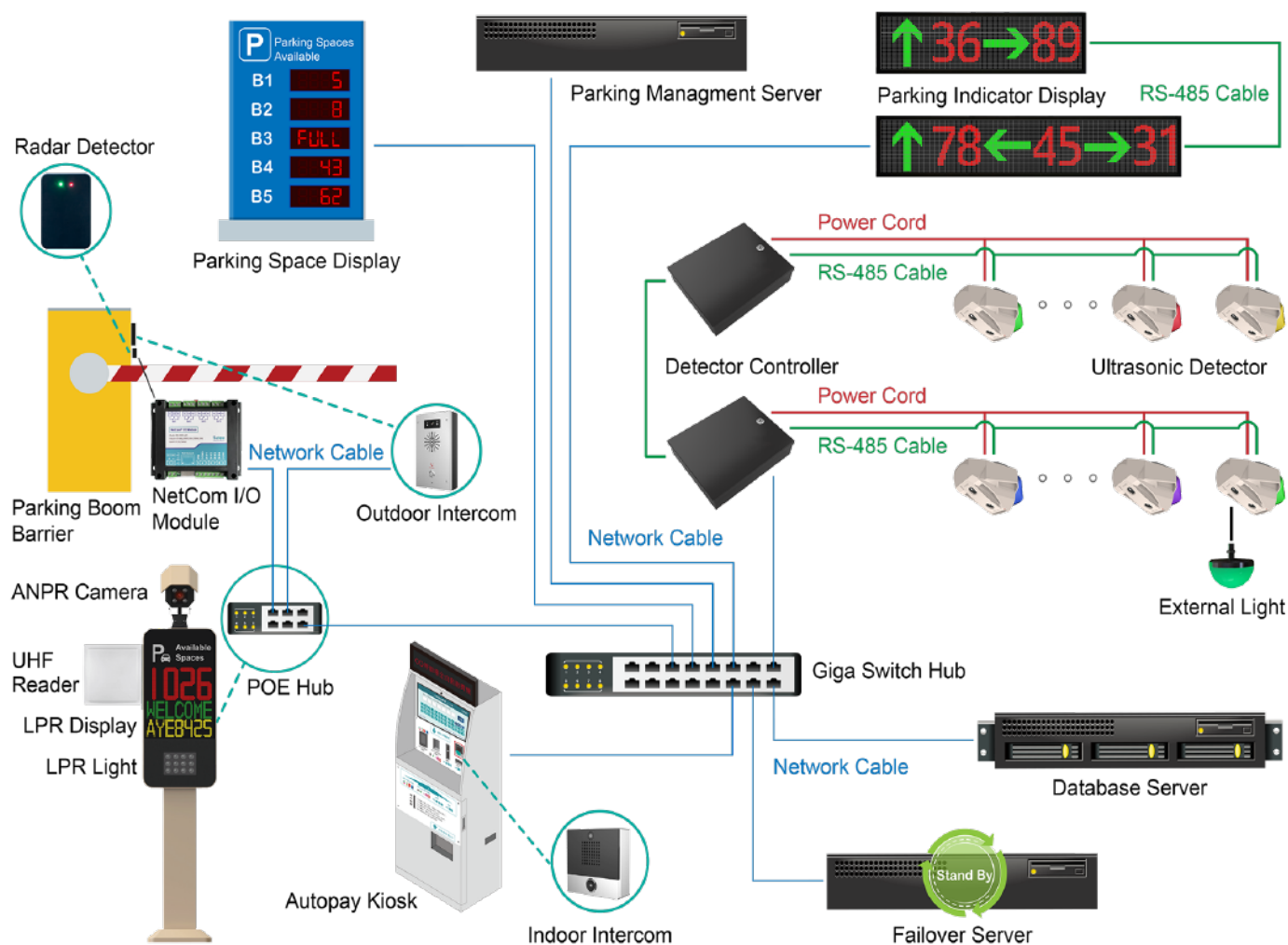
Dimensions



Specification

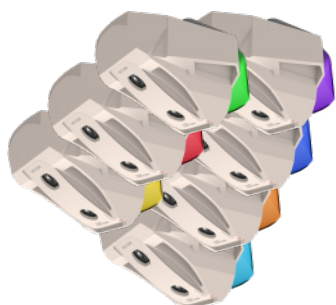
Detection Method	Front-Mounted Detection, • Built-in dual ultrasonic wave transceiver and 7-color indicator light
External Light	Support external 7-color indicator light
Detection Distance	2 Meters
Installation Height	2.0~3.0 Meters ; The best installation height is 2.5 meters.
Error Value	Less than 0.1 meters
Accuracy	≥99%
Communication Interface	Half-duplex RS485 4800 BPS
Transmission Distance	≤1200 meters
Chassis	
Housing	Screwless ABS material design
Dimensions Weight	40mm (W) x 61mm (L) x 26mm (H) 90 g (PS-200A) Φ 70mm (W) x 44mm (H) 50 g (EX-070C)
Operation	
Consumption	≤0.5W DC9V~12V input
Environment	Temperature: -40° C~70° C; Humidity: 10%~90% (Non-condensing)
Certification	CE, FCC, RoHS, IP55

System Configuration



Order Information

PS-200A Front-Mounted Ultrasonic Detector



EX-07C External Light



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