

SMART CARD DISPENSER (SCD)

The main function of the Smart Card Dispenser (SCD) is to dispense a Mifare Classic Card to the visitor upon pressing the card dispense button. After a card is dispensed, the SCD will send a signal to open the lane barrier and allow the vehicle to pass through. The SCD can store up to 500 Mifare Classic cards per cartridge and all cards can be recycled. The SCD is usually located at the Ingress entrance area. The SCD system can have an option to integrate and install a Season Pass Reader for all season pass holders to tag at the reader and enter the car park. There is also an option to integrate and install a camera to capture the driver photo once the card is dispensed. The SCD has an intercom system that allows the visitor to communicate with the parking office in the event of any error occurring at the entry area.

FEATURES

- Uses mifare classic card
- Transaction information can be stored in the card
- Season pass can also be mifare card based or proximity card system
- Dispenses up to 500 cards per load and recyclable
- Supports online or stand alone (offline) multiple-type operation
- Connects back to office management system for reporting

SMART CARD VERIFIER (SCV)

The main function of the Smart Card Verifier (SCV) is to verify that the parking card has been paid. Upon inserting the parking card into SCV, the SCV will verify with the CMS server whether the card has been paid. After the verification, SCV will trigger the barrier to open and allow the visitor to exit the car park. The SCV can store up to 500 Mifare Classic card per cartridge and all cards can be recycled. The SCV is usually located at the Egress exit area. The SCV system has an option to integrate and install a Season Pass Reader for all season pass holders to tag at the reader and exit the car park. There is also an option to integrate and install a camera to capture the driver photo once the card had been verified. The SCV has an intercom system that allows the visitor to communicate with the parking office in the event of any error occurring at the exit area.

FEATURES

- Exit by dropping off mifare card into Smart Card Verifier
- Exit payment can be verified at autopay station or central payment system
- Discount validating can be linked to CMS or stand alone
- Allows blacklisting season pass holder for entry/exit
- Supports online or stand alone (offline) multiple-type operation

SPECIFICATIONS (SCD/SCV)

Voltage	230V
Frequency	50 - 60Hz
Power Consumption	120W
Dimensions (mm)	456 (d) x 326 (w) x 1370 (h)
Weight	58kg

SCD - 1350



SCV - 1360



SMART PASS SYSTEM (SPS)

The Season Pass System (SPS) functions as an entry control system for office tenants, gated housing area residents, condominium residents and visitors.

The SPS is usually located at the entry and exit areas with a Standing Pole Reader unit. All season pass holders will be issued with a Tag device to be mounted on the car windscreen or as a standalone unit. When approaching the entry area and exit area, the SPS reader will detect the Tag device and trigger the lane barrier to open accordingly.

FEATURES

- High-Tech advantages of normal sleep mode, infrared wake, CPU automatic identification via wireless communications
- High Speed Reader, reader distance with good directionality, reading distance can be adjusted (1-20 meters adjustable), Reader angle adjustable.
- Penetrate* vehicle protection film (such as proof membrane), users do not need to roll down the window while entering and exiting the gate. Especially during rain, registered users can simply drive through the entry and exit point
- Unique encryption and anti-jamming technology to prevent interference between adjacent lanes

SPECIFICATIONS

Wireless Carrier Frequency	433.92MHz
Transmission Frequency	38kHz
Reader Angle Range	60°
Effective Distance	1 - 20 meters
Single DC Power Supply, Operating Current	100mA
Working Temperature	-10°C - 60°C
Operating Humidity	5% - 95%

AT - 1381



SPS - 1380



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