



Entry Terminal

CENT 219

CENT219 is an Entry Terminal used in CPS2000 parking system. It adopts Chipcoins (Mifare® IC inside) as parking tickets and provides a fast and easy entrance control of a parking facility. In case of network disconnection, CENT219 can still be operated under stand-alone mode; off-line data will be saved and then sent back to Central Management Server after network reconnected.

7" color display and a multimedia speaker provide CENT219 a user friendly interface. While a presence of a car is detected at an Entry Terminal, a display and a vocal message will both prompt the driver to push a ticket button for a Chipcoin. The ticket number, entry time, terminal ID and site ID are all written into the Mifare® IC in the Chipcoin. After the Chipcoin is taken by the driver, the gate will be opened for entering.

For those Chipcoins dispensed but not taken by the driver are recycled and blacklisted, while back-out Chipcoins are also blacklisted by the parking system.



Standard specs

- Motorized Chipcoin reader/writer/dispenser/collector:
 - Contactless read/write mechanism.
 - Ticket capacity: 550 Chipcoins
- Embedded Linux system control board.
- Isolated digital I/O control card.
- 7" color TFT-LCD display.
- Multimedia speaker.
- Sub-intercom device.
- Cabinet:
 - 2.0mm thickness heavy duty hot-rolled steel.
 - Polyester powder coating.
 - Ventilation system coordinated by thermostat.
 - Internal service illumination. Energy saving design, activate only when cabinet door(s) open.
- Alarm monitoring and control:
 - Real time alarm monitoring and alert to the Central Management Server.
 - Alarm types: cabinet intrusion/collision, ticket low/empty, device/communication errors ...etc.
 - Back-out and stolen tickets information are sent to Central Management Server as blacklist.
 - Working Temperature :-10 ~ 50°C.
 - Electrical: 100/220VAC, 0.8/0.4A, 50/60HZ.
 - Dimensions (W x D x H): 450mm x 485mm x 1327mm (±3%).
 - Power: 60W.
 - Weight: 97kgs (±3%).

Options

- Mifare® card reader (wall mount type) for season card (subscriber) system.
- Secondary Chipcoin dispenser for a dual dispensers system of a total of 1100 Chip coins capacity.
- An upward dispensing Chipcoin hopper module for a enlarged 2000 Chipcoins capacity.
- SUS4S0 stainless steel cabinet base to extend service life.
- Customized cabinet material and color.

System and wiring diagram

