

RF+RFID Dual System CA35

Century's latest dual-system integrates both RF and RFID technology, enabling more detailed and comprehensive management. The new antenna is based on the Century Mercury (CA35), with iterative functions that enhance performance. RFID function as a modular part, it offers easy installation, low transformation costs, and excellent performance. This innovative system provides the optimal approach to enhance traditional RF anti-theft systems by incorporating RFID-based anti-theft capabilities.



Features

SUPERIOR PERFORMANCE

- ▶ Long range detection
- ▶ Enhanced noise immunity
- ▶ Tag-Too-Close alert
- ▶ Virtual oscilloscope in configuration software

EASY INSTALLATION

- ▶ Built-in electronics
- ▶ Air synchronization
- ▶ Software configuration
- ▶ Signal waveform displayed by virtual oscilloscope

OPTIONAL FEATURES

- ▶ Remote service
- ▶ People counting
- ▶ V-Station management platform
- ▶ Poster panels
- ▶ RFID detection

ATTRACTIVE APPEARANCE

- ▶ Elegant design of frames and base covers
- ▶ Frames made with high quality aluminum alloy material
- ▶ Plastic parts made with high precision molds

Electrical Specification

RF Technical Specifications

Systems	CAB09
Central Frequency	8.2 MHz
Power Consumption	24 W
Fuse of PSU	900 mA
Current (max)	1.9 A
Voltage (input)	24 VDC

RFID Technical Specification

Working Mode	Master/slave mode, single-machine mode, trigger mode
RFID Protocol	EPC global Class1 Gen 2/ISO 18000-6C
Modular Chip	Impinj E710
RFID Frequency	902-928 MHz /865-868 MHz
RFID Power	33 dBm (Max)
Antenna Interface	Four SMA ports
Communication Interface	RS-232, RJ45, Bluetooth
Current (max)	2.0 A
Voltage (input)	12 VDC

Environmental Requirements

Temperature	0~50°C
Relative Humidity	0~90%, non-condensing

Advertising Panel Size

CA35L	325*1393 mm
CA35X	381*1393 mm



Modes of Combinations

