Technology Solutions for Retail

UHF RFID Portal

CK-T8D



The CK-T8D complies with the ISO 18000-6C (EPC C1G2) protocol, with a simple design and high operational stability. It reads multiple tags simultaneously using infrared-triggered reading mode, and counts people at entrances and exits. It integrates audible and visual alarms and supports EAS operation in both online and offline modes. The device communicates over a network interface and can be expanded to other communication methods.

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Features

- Excellent multi-tag reading with very low miss and misread rates
- Special antenna design for precise coverage with no blind spots
- Built-in alarm light and buzzer
- Can connect to an external display for real-time viewing of inventory and quantity information
- People counting at entrances and exits

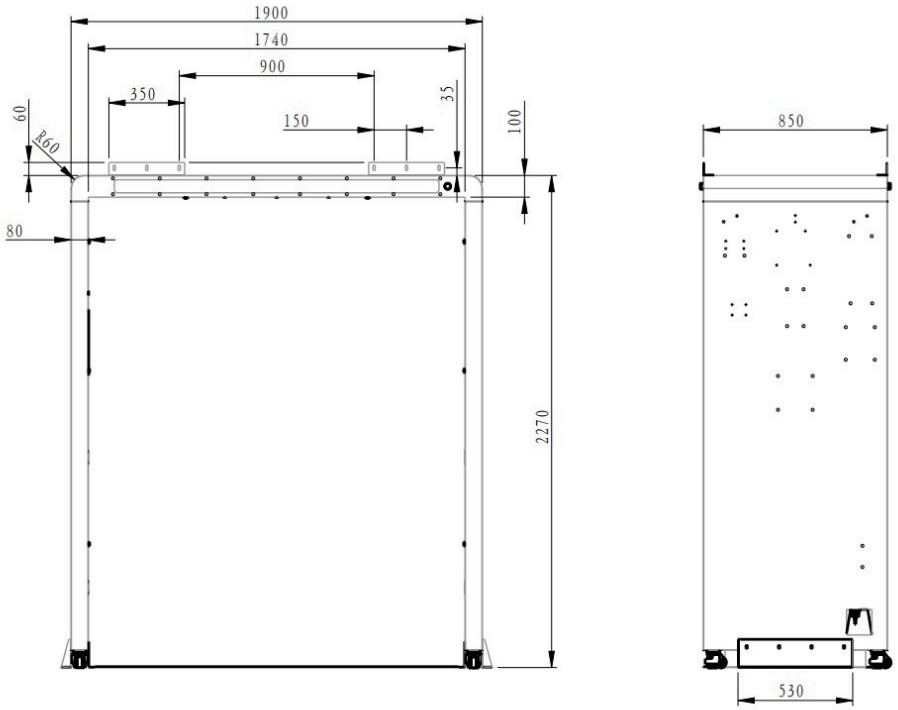
Technical specifications

Performance Specifications	
Identification technology	RFID (UHF)
Functions	RFID read/write / visual and audible alarm / infrared sensor / entry and exit logging / people counting
Read range	0 – 600 mm (adjustable)
Physical Specifications	
Dimensions	1900 mm × 850 mm × 2270 mm (L × W × H)
Display	21.5” touchscreen (optional)
Resolution	1920 × 1080
Aspect ratio	16:9
Communication interface	Ethernet
Installation method	Floor-mounted with screws

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RFID UHF	
Frequency range	840 MHz – 960 MHz
Protocol	ISO 18000-6C (EPC C1G2)
Optional functions	
Operating system	Windows (Android optional)
Display	21.5” touchscreen (optional)
IPC	i5 processor, 8GB RAM + 128GB SSD
Power	
Power input	AC 220V, 50Hz
Operating conditions	
Operating temperature	0°C to 60°C
Operating humidity	10% RH to 90% RH

Dimensions



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