

UHF RFID Smart Cabinet

CA-T3



I Introduction

CA-T3 is a smart cabinet based on UHF RFID cabinet. It is equipped with a 14" capacitive touch screen, NFC reader and also optional for face/finger recognition.

It tracks at individual item level tagged items stored inside the cabinet. And it automatically records when items are placed in, taken out of, or returned to the cabinet. Using face or finger recognition, or an NFC card, staff members accessing items in the cabinet are also documented.

II Features

- Powered by Impinj R2000 chip for maximum tag detection performance.
- Automatically inventory taking.
- Configurable shelves.
- Adjustable caster and auto-on LED light inside.
- Optional for security camera and temperature and humidity indication display.
- Excellent RFID blocking performance.

III Technical Specification

Main Specifications	
Model	CA-T3
Performance Specifications	
OS	Windows (optional for Android)
Industrial Personal Computer	I5, 4G+128 (RK3399, 4G+16G)
Identification technology	RFID (UHF)
Reading time	Within 5s
Physical Specifications	
Dimension	1099(L)mm*554(W)mm*2031(H)mm
Internal space	982(L)*480(W)1690(H)mm;
Dimension for the shelf	980(L)*440(W)*58(H)mm
Material	1.2mm thick carbon steel
Screen	14 inch / 21.5 inch capacitive touch screen resolution 1280:800 screen ratio 16:9
Capacity	4 layers (280mm height) / 6 layers (225mm height)
Communication interface	Ethernet interface
Fixing/ Moving Method	Caster and adjuster at the bottom
UHF RFID	
Frequency range	840MHz-960MHz
Protocol	ISO 18000-6C (EPC C1 G2)
RFID Chip	Impinj R2000

Identify Permissions and Optional Functions	
NFC	Standard
Fingerprints	optional
Security camera	optional
Face recognition camera	optional
Wifi	optional
Dehumidifier	optional
Power Supply	
Power supply input	AC220V, 50Hz
Rated power	≤150W
Development support	
Development support	Free SDK
Developing language	JAVA, C#
Operating environment	
Working temperature	0~60°C

IV Dimension

