

ANDROID HANDHELD TERMINAL

Model: AH2201

Ah2201 Android Handheld Terminal is an industrial-class RFID mobile device, integrated mid-range high-performance RFID reader module. It is compatible with ISO15693 transponder, reading distance up to 28cm (Standard RFID card). With collision-resistance algorithm, identify speed can up to 50pcs/sec.

Application:

Library Management, Ticket Identification, Assets Management, Warehouse Inspection, Inventory Tracking, etc.

Main Features

- ▶ Operating System: Android 4.4.2
- ▶ RFID: Operating frequency 13.56Mhz, support ISO15693, RF power adjustable 0.25~1.5W, with anti-collision algorithm
- ▶ Communication Interface: WIFI and Bluetooth, GPRS (for option). WCDMA (for option)
- ▶ Battery Capacity: 5200mAH
- ▶ Provide SDK for free



Product Image



Product Drawing

Technical Specification

Host Machine

Operating System	Android 4.4.2	
CPU	Cortex A9 1.2GHZ (dual core)	
RAM/ROM	RAM: 1GB ROM: 4GB	
Display	4.0inch IPS panel, Resolution:480*800,HD full viewing angle, viewable under sunshine	
Keyboard	Number board and function board	
Touch Screen	Support multiple points capacitance touch screen, workable with glove	
Micro SD card	Support 32G MICRO SD card	
Camera	Unavailable	
Audio	Support voice announcement	
Wireless Communication	GPRS (for option)	GPRS, EDGE , 4-band 900/1800, 850/1900
	WCDMA (for option)	band 850/2100, Cat.8 HSDPA Cat.6 HSUPA
	WIFI (as default)	Meet IEEE 802.11b/g
	Blue tooth (as default)	Meet Bluetooth 4.0
Indicator Light	internet indicator light, charging indicator light	
Battery	Capacity	5200mAh lithium polymer
	Stand-by Time	when fully charged, close wireless communication functions and stand-by time is 200h and above
	Operating Time	>6h
	Charging Time	<4h

RFID parameters

Compatible Protocol	ISO15693
Operating Frequency	13.56Mhz
RF Power	0.25~1.5W
Reading Range	30cm (depend on card performance)
Collision-resistance Processing Algorithm	Support, up to 50pcs/sec.

Working Environment

Operating Temperature	-10°C~70°C
Storage Temperature	-20°C~85°C
Relative Humidity	10%~90%RH, no condense

Physical Parameters

Gross Weight	<320g
Outline Dimension	160*76*32 ± 2(mm)

