



# Handheld Data Collector Terminal

## Powered By RFID Technology



## Features

- Equipped with RFID technology (LF & HF)
- Connections: WIFI, GSM and A-GPS
- Flash light
- Programmable with C language
- Windows DLL for high level PC languages
- Small and light

## Applications

- Data gathering for log sheets, check lists, ...
- Electronic payment (Tapco eCardPark system)
- Reading and displaying electronic identity card, calibration information, ...
- Animal information management, Tree information management, ...
- Security inspection
- Periodic and technical inspection
- Customer loyalty system
- Activities management in congress
- Portable attendance system



**TAPCO**<sup>®</sup>  
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# H11 Specifications

## General

Microcontroller	32-bit ARM Cortex-M3, 100MHZ
RAM	16Mbytes Flash
Date & Time	Real Time Counter (RTC)
Keyboard	19Keys: Digits and Functional, On/ Off key
Display	Graphic LCD, Two types of fonts: Large (4*12), Small (8*14) Contrast controllable, Backlight On/ Off Two LEDs: Red for Power, Green for OK
Flash light	LED type
Other	Buzzer DC, Vibrator

## Power

Battery	Chargeable Li-ion, 3.7V/ 2000mAh
Charger	Adaptor 5V/ 1A, USB 5V
Work Time with Full Battery	Backlight On: more than reading 5000 RFID tag (or reading RFID tags continuously for 15 hours)
Data Retention	10 Years
Power Management	Turn Off Backlight Automatically , Turn Off Device When Power is Low , Auto Power Off Device

## Connectivity

RFID Reader/ Writer	RFID HF 13.56MHz Reader/Writer RFID LF 134.2KHz Reader RFID LF 125KHz Reader
miniUSB	For data exchange with PC and Battery Charging
WIFI	802.11 b/g/n protocol +19.5dBm output power in 802.11b mode
GSM	Frequency band: (Quad-band) GSM 850 EGSM 900, DCS 1800, PCS 1900 Transmitting power: Class4 (2W) at GSM 850 and EGSM 900 Class1 (1W) at DCS 1800 and PCS 1900

## Physical Characteristic

Size	130* 54* 30 mm (Length, Width, Thickness)
Case Type	ABS
Weight	158g (with battery)
Working Temperature	- 20 ~ 55 °C
Storage Temperature	- 30 ~ 70 °C
Humidity	20 ~ 95%RH

## Accessories

Mini USB Cable
Adaptor 5V/ 1A
RFID HF 13.56MHz Reader/Writer (optional)
RFID LF 125 (134.2) KHz Reader (optional)
WIFI module (optional)
GSM, A-GPS module (optional)
Carrier bag (optional)

## Development tools

Windows DLL
C Libraries

**One Year Warranty , Five Years After Sales Services**