



RFO TT400 Smart Handheld RFID Reader

DATA SHEET

Product Description

Main Features

RFID brings a new level of efficiency to inventory and asset management, order fulfillment and more. To maximize productivity, you want to give your workers a device that provides a new level of comfort, task speed, ease of use and accuracy to your RFID applications. The RFO-TT400 handheld RFID reader delivers it all. The RFO-TT400 is one of the lightest devices in its class with the right ergonomics for all-day comfort. Superior RFID read performance and receiver sensitivity enable lightning fast capture of even the most challenging RFID tags. Workers can read both RFID tags and barcodes with point and shoot simplicity. And you can create intuitive Android applications that use the RFO-TT400's powerful computing platform, large touchscreen, and elegant keypad.

Product pictures



Article no:	Standard	RFO TT400
Typical Applications		
<ul style="list-style-type: none"> •Manufacturing •Security •Waste management •Logistics 	<ul style="list-style-type: none"> •Health Care •Asset management •Food •Transportation 	<ul style="list-style-type: none"> •Service Maintenance & Diagnostics •Automotive •Retail & POS •Home Automation

Contact:

infos@radioforce.net
www.radioforce.net



Technical Specifications		RFO TT400
Physical Characteristics		
Dimensions	166 × 79 × 27 ±2 mm	
Weight	N.W: 430g	
Display	5.5 inch IPS HD, dpi 720*1280	
Touchpanel	Corning Gorilla Glass 3rd generation Multi-touch capacitive screen	
Expansion Slot	1x Sim (MUP-C785) 1x TF 1x PSAM (MUP-C785)	
Communication	1x Type-C	
Backlight	LED backlight	
Keypad	Scan key, Number key	
GPS	GPS and Beidou navigation option (Error range ±5m)	
Camera (Option)	Front: 5MP fixed focus Rear: 13 MP& 20 MP option Autofocus; flash LED generates balanced	
BATTERY CHARACTERISTICS		
Capacity	3.8V Li-Ion 4900mAh & 9000mAh option with fast charging	
Standby time	360hrs if wireless communication are closed	
Charging time	<5hrs (support quick charge)	
Working time	14+ hrs (full of charge)	
PERFORMANCE CHARACTERISTICS		
CPU	MT 6771 Octa-core 64-bit processor 4 core A73 + 4 core A53, 2.0GHz	
Memory	RAM : 2GB ROM : 16GB (Standard) RAM : 4GB ROM : 64GB (Optional)	
Operating System	Android 9.0	
Extended memory	Micro T card, up to 256GB	
TELECOMMUNICATION		
Radio Frequency Band	4G:TD-LTE Band38/39/40/41 FDD-LTE Band 1,2,3,4,7,17,20 3G:WCDMA(850/1900/2100MHz); 2G:GSM/GPRS/Edge (850/900/1800/1900MHz)	
Data Rates	2.4G/5G dual-band, IEEE802.11a/b/g/n/ac with WiFi roaming (seamless switching)	
Bluetooth	v4.2+ EDR w/ Bluetooth Low Energy	
User Environment		
Operating Temp. / Storage Temp.	-20°C~50°C / -20°C~70°C	
Humidity	Humidity 5%~95% RH (non-condensing)	
Sealing	IP65	
Data Capture		
1D laser engine	Honeywell N431 X & other (All common 1D barcode)	
2D laser engine	Zebra SE4710/Zebra SE2100 & Other (PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes,US PostNet, US Planet, UK Postal, Australian Postal,Japan Postal, Dutch Postal etc.)	



RFID (Option)	
UHF	
Working Freq.	915MHz, 865MHz - (865-868MHz or 902-928MHz)
Standards Supported	EPC Class 1 Gen2; EPC Gen2 V2; ISO-18000-63
Read Range	0-14m optional (depending on Tag, environment etc.)
HF	
Working Freq.	13.56 MHz
Standards Supported	ISO15693, ISO14443
Read Range	0 - 7 cm
NFC	
Working freq	13.56 MHz
Protocol	ISO14443A/B ISO15693, NFC-IP1, NFC-IP2 etc.
Tag supported	M1card (S50, S70), CPU card, NFC tags etc.
Read/Write range	5 - 10cm
LF	
Working Freq.	125K/134.2K ear tag
HF (CPU Card)	CPU card read/write supported Working with PSAM
Active 2.45G (Custom)	Read Range: 200M / 200pcs tags reading one time
Fingerprint Identification	
Functions	Fingerprint input, image processing, fingerprint comparison, fingerprint deletion
Sensor	TCS1ST with FBI authentication
Sensor type	Capacitive, area sensor
Imager size	256*360 pixel
Resolution	500 dpi
Capacity	1000 pcs.
Accessories	
Standard	1xPower Supply; 1xLithium Polymer Battery; 1x Type-c charging cable
Option	Charging Dock

Contact:

infos@radioforce.net
www.radioforce.net