



Smarter... Faster... Higher...

STA PT0707

Handheld RFID Reader



Product Profile:

STA PT0707 is a UHF EPC C1G2 handheld RFID reader with industry leading read range and read rate performance to enable ultra fast inventory of cases on pallet, warehouse shelves, moving vehicles, and other tagged items in business processes where fixed reader class performance is required in a portable device.

Features:

- Excellent read range: 7 meters open space, 7 -11 meters indoor confined space
- High read rate: typical 150 tags per second for selected Gen2 profiles (peak at 400 tags/s)
- Country specific versions in terms of frequency bands
- Choice of vertically linear polarized or horizontally linear polarized antenna
- Ruggedized design: Drop Test 1.5 meters on 6 surfaces, IP65

Specifications:

Physical Characteristics	Length = 197 mm, Width = 122 mm; Height = 223 mm; Weight = 1.2 Kg
Read Range	Up to 7 meters in outdoor or open area 7 - 11 meters in indoor confined space
Read Rate	Typical 150 tags per second for selected Gen2 profiles (peak at 400 tags/s)
Protocol	ISO18000-6C, EPC UHF Class 1 Gen 2
Tag Information	All banks, any sizes (e.g. 240 bits bank1, 512 bits bank3), Per 'Tag Read' RSSI value
Frequency Range	All frequency bands in the world available
Barcode Scanner	1D and 2D: all standards available
Antenna Polarization	Choice of vertically linear polarized or horizontally linear polarized
Environment	Operating Temp: -200C to 500C (-40F to 1220F) Storage Temp: -400C to 750C (-400F to 1670F) Humidity: 5% to 95% Non-condensing
Ruggedized Designs	Drop test 1.5 meters on 6 sides; IP65
User Interface - Input	QWERTY keyboard, Touch Screen, Trigger Button
User Interface - Output	3.5" Transmissive LCD, 320 x 240 pixels, LED x 2, Buzzer
Connectivity	Wi Fi (802.11 b/g), USB, RS232
External Memory	SD Card, up to 2 GByte
Processor & Memory	Samsung, 400 MHz, 128 MByte Flash, 64 MByte RAM
Battery Life	1.5 hours continuous read, 20 hours standby, easily field replaceable battery
Source Code Samples	Read tag, write tag, tag inventory, tag ranging, tag search, tag authentication, tag association, tag commissioning, barcode scanning, database manipulation, wireless network transfer, server side driver, etc.

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BARCODE | RFID | EAS | BIOMETRIC | POS | SOFTWARE