

Highly Portable RFID terminal | PDA

Windows Mobile 5.0
Windows Mobile 6.1



▲ Real Size

M₃ RFID 7510S

Key Features

- Windows Mobile 5.0 phone edition and 6.1 classic
- 13.56MHz RFID Built-in
 - HF Read / Write : ISO 14443 Type A/B Application
 - ISO 15693 Standard Application
- Wi-Fi (802.11b/g)
- Barcode Scanner (1D/2D)
- Built-in GPS (SiRF III)
- 2.0M Pixels Color Camera (Auto Focus)
- IP64, 1.5M Drop

Industry Applications

- Healthcare
- Public transportation
- Facilities Management
- Asset tracking
- Access control

Speed is Power



Operating System (OS)

Windows Mobile 5.0 / 6.1Phone Edition

Processor (CPU)

Intel PXA-270 520MHz

Memory (RAM/ROM)

128MB RAM / 128MB ROM (512MB)

Expansion Slot

Mini SD slot

Scanner

Type 1D linear

Barcode type_EAN-13, BOOKLAND-COUPONCODEEAN-8, UPCA, UPCE, CODE39, CODE32 CODE93, COD-ABAR, Code128, UCCEAN128, CODE11, CODE35, MSIPlskey, PZN,I2of5, ITF, Code25 Industrial, Code25 Matrix, Code25 DataLogic, Code25 IATA, DPL, DPI

Color Camera

Type CMOS
Resolution 2.0M Pixels
Illumination Flash
Lens Auto Focus

RFID

Antenna Integrated
Frequency Range 13.56MHz
Standards supported_ISO15693,
ICODE®, ICODE® EPC,
ICODE® UID, ISO14443A/B

WWAN

Frequency bands
Quad band: GSM 850/900/1800/1900MHz
(Siemens Module)
Output power
"Class 4 (+33dBm ±2dB) for
EGSM850/EGSM900Class 1 (+30dBm

±2dB) for GSM1800/GSM1900Class E2
(+27dBm ±3dB) for GSM850 8-PSK/900
8-PSKClass E2 (+26dBm +3/-4dB) for
GSM1800 8-PSK/GSM1900 8-PSK"

Data transfer

GPRS_"Multislot class 12Full PBCCH
supportMobile Station Class BCoding
Scheme 1-4"
EGPRS_"Multislot class 12Mobile Station
Class BModulation and Coding Scheme
MCS 1-9"

WLAN

IEEE 802.11 b/g

IrDA

Integrated Transceiver,
1.4 Low power 9.6 ~ 115.2kbit/s

GPS-enabled

SiRF-star III GPS module &
15 × 15 Active antenna

WPAN(Bluetooth Support)

Class II, V1.2

Antenna

Internal

Display Size

3.5" (240 × 320)

Display Color

65,536

Display Type

Touchscreen, LED backlight

Keypad

Alpha & Numeric (3×4 dial), 4direction,
13function (9 front, 4 side), 1 power

Notification

Vibrator, LED

Audio Options

Microphone, Speaker, Stereo Ear-Mic
jack, Software support for full duplex
record and playback (stereo)

Network Connections

Ethernet (via 4 slot cradle), Full-speed
USB (via cradle), host or client

External Interfaces

RS232, USB 1.1

Security

WPA2, WEP (40 or 128 bit), TKIP, TLS,
TTLS (MS-CHAP), TTLS (MS-CHAP
v2), TTLS (CHAP), TTLS-MD5,
TTLS-PAP, PEAP-TLS, PEAP
(MS-CHAP v2), AES

Dimensions

79.7 × 164 × 32.4mm

Weight

329g (including battery)

Main Battery

Rechargeable Lithium Ion 2200 mAh

Drop Specification

1.5M drop to concrete

Electrostatic Discharge (ESD)

±12kV air discharge,
±8kV direct discharge

Environmental Sealing

IP65

Humidity

25% RH ~ 85% RH

Operating Temperature

-20°C ~ 50°C

Pen

Stylus Pen

Adaptor

- 1) Home application (Input: AC 100 to 250V, Output: DC5.2V / 3A)
- 2) Vehicles Application (Input: DC9 to 30V, Output: DC5.2V / 2A)

Headset

Speaker, Mic, Call Key

Cradle

- 1 Slot Desktop cradle,
- 4 Slots Ethernet Cradle

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