multiterminal™ 100

Portable handheld device for reading, writing and verifying RFID tags and barcode labels

The **multi**terminal™ 100 is designed to perform several functions including; laser scanning a tray label, reading an individual tray tag, writing an individual tray tag and verifying an individual tray tag.

The device has a highly reliable, industry-standard platform featuring a powerful ARM11 532Mhz processor, Windows® Embedded CE 6.0 r3 operating system and 256Mb DDRRAM that ensures a mobile logistics computing solution designed to meet the demands of today's and tomorrow's mobile enterprise. **multi**terminal™ 100 can also support Intellident's PAV™ software application (PAV™ software license required).

multiterminal™100

Tag programming functionality

Provides the ability to program information to a tag using the integrated RFID antenna. The device reads the barcode information, which can then immediately be written to the RFID tag.

Flexible operation

The multiterminal™ 100 can operate as a standalone unit. In addition, the device also supports LAN and WAN accessibility, enabling capture and transfer of data for use in network applications.

Lightweight design

An ergonomically designed vertical form factor for easy handling and operation

Robust and outdoor usable

The multiterminal™ 100 comes complete with a colour TFT reflective screen for clear viewing both indoors and outdoors. With its ultra-rugged housing the unit can easily withstand multiple drops from normal operation height.

Ease of data entry

In addition to the barcode scanner, the multiterminal™ 100 comes complete with a full alpha-numeric keyboard for simple data entry.

Long operating hours

Up to 8 hours use in intensive warehouse operations (standard battery).

multiterminal™100

Handheld, RFID-enabled wireless terminal

Software

Comes complete with Microsoft® Windows® CE6.0 operating system, ready to run our PAV™ software.

Dimensions w x d x h

Millimetres: 90 x 47 x 250
Inches: 3.5 x 1.9 x 9.9

Weight

Kilograms: 0.55
Pounds: 1.2

Touch-screen

3.5" touch screen (stylus included)

Power

Battery
Rechargeable, removable Lithium-ion battery pack 2600 mAh @ 7.4V
4800 mAh @ 7.4V with pistol grip
Up to 8 hours use in intensive warehouse operations (standard battery)

Charge life

Typical charging time: 2,5 h (0 to 90 %) and 5 h (0 to 100 %)

Communication

Wireless WAN - GPRS 900/1800 (optional)

Data transfer

Wireless (PAV™)

Scanner

Integrated barcode scanner supporting required barcode symbologies

RFID Options

ISO 18000-6C (EPC Class 1 Gen 2) - supports all common tag functionality including: read, write, kill, lock, inventory, meta inventory, NXP proprietary commands.
Supports all typical settings e.g. Sessions, Q-values
Reading distance 1,5 m, typical
ERP +23 dBm
Horizontal linear polarised

Environment

Environmental sealing: IP54 - dust and water splash protected   **Relative humidity:**   10% to 90% non-condensing

Temperature:	**Operating**	**Storage**	**Charging**
	- 20° to 55°C	- 20° to 60° C	- 0° to 45° C

Order code(s)

Please contact Intellident to confirm order codes for your specific model.