



## SP5700 OptimusPDA™

**The SP5700 OptimusPDA is a durable Microsoft® Windows®-based platform ideal for applications throughout the supply chain in retail, postal home delivery and industrial applications.**

With a durability rating of IP54 and a 1.5m drop specification, the OptimusPDA brings versatility to the harshest of indoor and outdoor workplace environments, being designed specifically for applications where temperature varies according to the season and working conditions can be relatively poor.

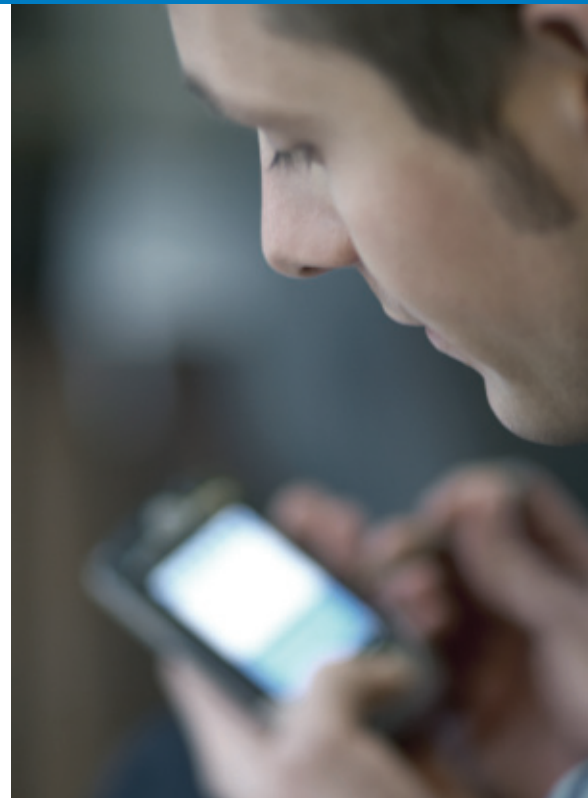
The unit is offered as either a 1D Laser or 2D Imager for bar code data collection and can be configured with multiple memory options ensuring that the unit can cope with the most demanding of applications.

A range of Wireless options including WLAN (IEEE802.11b/g) and WWAN (GSM/GPRS) are available.

Its future proof design combines Microsoft Windows CE V5.0 platform with the Intel® XScale CPU. The powerful and stable computing power of the OptimusPDA supports the application environment adaptable for the customer's needs.

A full range of accessories make up a rugged, user friendly and powerful PDA solution, bringing Metrologic's legendary price and performance mantra to a new area of data collection applications.

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### FEATURES

- One of the lightest, toughest and most feature rich PDAs
- Multiple communication options
- Lightweight, ergonomic design
- Multiple data capture options
- Durable design
- User configurable options

### BENEFITS

- Versatile data capture and communication for the mobile worker
- Integrated Bluetooth/WLAN/GSM-GPRS enables communications to be optimised whether you work in a hospital, an office, a warehouse, a store, a truck or in the field...or all of these at different times
- Pocketable form factor, little bigger than a mobile phone, ensures OptimusPDA is easy and comfortable to use
- Select a 1D scanner or a 2D imager • High resolution 2 Megapixel camera • Large backlit keyboard
- Reinforced construction with rubber bumpers to protect against the day-to-day knocks and drops of even the harshest delivery environment
- Add a MiniSD card or chose from a variety of accessories to suit the user environment

## The SP5700 features:

- Intel PXA270 520MHz processor
- Windows CE v5.0
- Laser or Imaging engine for 1D or 2D bar code data capture
- Batch or wireless
- Bluetooth
- WLAN IEEE802.11 b/g
- GSM/GPRS
- 2 megapixel camera
- RS232 or USB cradle-to-host connectivity
- Single & 4-slot cradles
- Vehicle cradle
- Trigger Handle

## PHYSICAL CHARACTERISTICS

Dimensions	77mm W x 178mm L x 31mm (Head) H ; 26mm (Tail) H
Weight	240g (Including Barcode Scanner, Except Battery)
Drop Spec	1.5m to concrete (for six sides, twice for each)
Environmental Sealing	IP54 (Dust protected, protected against splash water)
Operating Temp	-20°C to 50°C (Storage Temp. : -30°C to 70°C)
Humidity	5% to 95% RH non-condensing
Electrostatic Discharge (ESD)	8KVDC on contact, 4KVDC on air
Keypad	2 trigger, power, backlight, send, end, 4 way direction, function, enter key, user-selectable 12 key (Numeric, English), LED Backlight

## PERFORMANCE CHARACTERISTICS

CPU	Intel XScale™ PXA270 Microprocessor (520MHz)
OS	Microsoft Windows CE™(v5.0)
Memory	Flash ROM: NAND 128MB, SD RAM: 128MB
Display	3.5" TFT 64K Color LCD with touch-screen
Barcode Scan	Laser Scan Engine, CMOS Imager Scan Engine 1D : UPC/EAN/KAN, Code 39 / 93 / 128, Interleaved 2 of 5, etc. 2D : PDF417, Data Matrix, QR code, Mxicode, etc.
Communications	USB, RS232, IrDA, Bluetooth(Optional)
WLAN	IEEE802.11b/g (11Mbps/54Mbps)
WWAN	GSM/GPRS
WPAN	BT Class 2 2.5mw (4dbm)
Expansion	MiniSD card slot, R-UIM card slot (User accessible)
GPS	External GPS (Optional)
Digital Camera	2M Pixels Digital Camera (CMOS Type, Optional)
Handwriting Recognition	Customized Jipilmook™ (Korean, English, Chinese)
PIMS	xPIMS (Today, Calendar, Task, Contacts, Notes, Inbox and PIMS backup)
Application Development	Microsoft SDK for Windows CE / Metrologic SDK
Host Connectivity	Microsoft Windows 95/98/NT/2000/2003/XP
Battery	Main : 3.7V, 2000mAh rechargeable, replaceable pack (Li-Ion) Sub : 3.7V, 130mAh rechargeable
Battery Life	3 to 72 hours (Application dependent)
Charging Time	Less than 3 hours

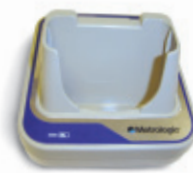
## Target markets:

- Postal markets
- Field Force Automation
- Retail Supply Chain
- Distribution and Logistics
- Route Accounting
- Healthcare

## REGULATORY

Electric Safety	UL 1950, CSA C22.2 No.950, EN60950/IEC950
Laser Safety	CDRH Class II, IEC Class 2
EMC (EMI/EMS)	CE

## ACCESSORIES



### 1 Slot Cradle

- PDA/Battery Charging at the same time
- I/O : USB, RS232
- Charging Time : Less than 3 hours



### 4 Slot Cradle

- PDA/Battery Multi-charging at the same time
- I/O : USB



### Trigger Handle

- Gun style handle with a scanning trigger
- Also charges the OptimusPDA



### Secondary Battery

- 3.7V, 2000mAh rechargeable replaceable pack (Li-Ion)



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