



SP5500 OptimusS™

OptimusS™ is a compact batch portable data terminal designed for retail and light warehouse data collection applications, including inventory and stocking.

Put Metrologic's OptimusS right in your pocket and take it wherever data collection needs take you. This stylish batch portable data terminal (PDT) combines powerful features with easy-to-use software to get up and running in no time. The OptimusS enables users to quickly scan and store their product information. After data collection is done, simply drop the unit into its cradle and send the data back to the host to keep information up-to-date and accurate.

Each OptimusS comes with the Optimizer software package to facilitate application development. This graphically-oriented program allows even computer beginners to quickly and easily setup the applications they wish to run on their PDT. There are also several simple utilities for uploading

and downloading of data. The entire software suite is designed to make PDT application development a painless process.

Besides great software, the OptimusS comes with a long list of other features. The OptimusS comes with 2MB RAM to accommodate users with larger inventory. Never worry about switching batteries again, either. The rechargeable battery that comes with every OptimusS has a long battery life, allowing approximately 100 hours of scanning before needing to be recharged. The battery is also Lithium Ion, so users don't need to worry about it wearing out any time soon. All these features and the excellent laser bar code scanning you've come to expect from Metrologic products make the OptimusS optimal for all your data collection needs.

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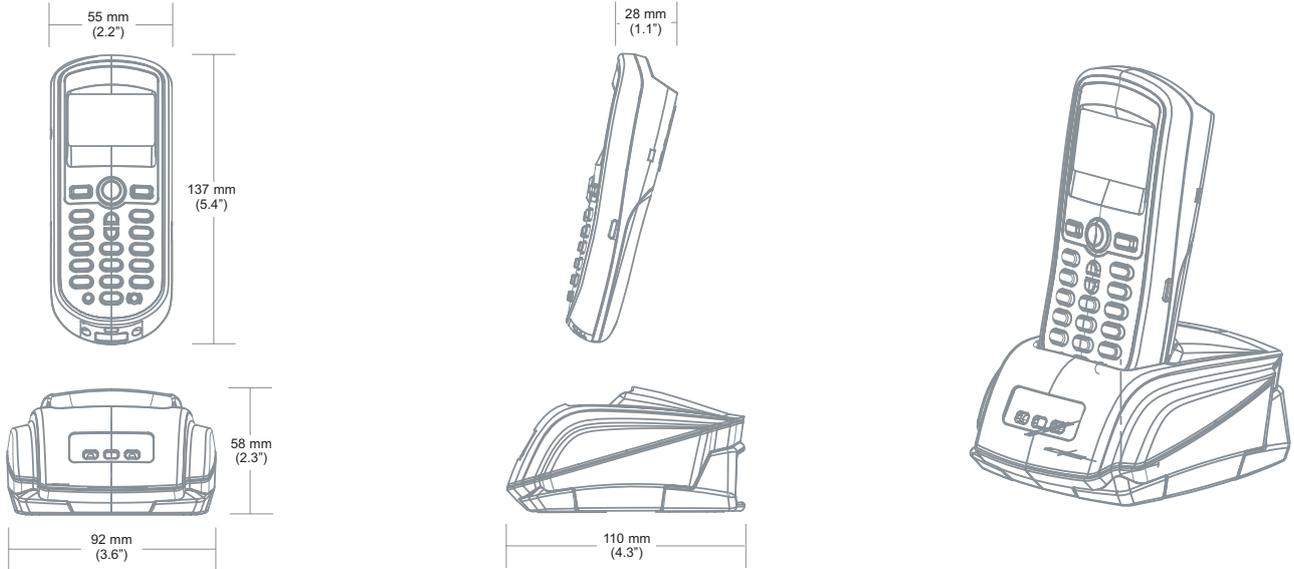


FEATURES

- LCD display with backlight and adjustable font
- Small form factor
- Cradle communicates RS232 and USB
- Fully charged battery lasts approximately 100 hours
- Several Programming Options (Optimizer, BASIC, C)

BENEFITS

- Easy to view screen to accommodate different users and environments
- Same feature set as bulkier units in a lighter, easier to handle package
- One cradle does both, so a simple cable swap gives users quick-change ability
- Minimizes customer down time; speeds up the inventory process
- Accommodates different levels of programming skills from beginner to advanced



OPERATIONAL

| | |
|-------------------------|--|
| System | |
| CPU | 16-bit CMOS, low power consumption |
| Program Memory | 1 MB flash ROM |
| Data Memory | 2 MB SRAM |
| Display | LCD - 100 x 64 pixels, back-lit |
| Resolution | 8 lines x 16 characters (max), 4 lines x 12 characters (min) |
| Keypad | 21 rubber keys; alpha/numeric, function, scanner |
| Indicators | Buzzer - programmable audible indicator (1 KHz - 4KHz) LED - Dual-color, programmable green and red |
| Communication (Unit) | Cradle IR |
| Communication (Cradle) | RS232, USB |
| Application Development | Windows-based Optimizer; optional C & BASIC compilers |

MECHANICAL

| | |
|--------|--------------------------------------|
| Weight | 140 g (4.9 oz) - including batteries |
|--------|--------------------------------------|

ELECTRICAL

| | |
|-------------------|---|
| Battery Operation | Li-ion |
| Battery Backup | 3.7V, 7.0mA hours, rechargeable lithium battery |
| Operation | Over 100 hours |
| EMC regulation | FCC Class A, CE and C-Tick approved |

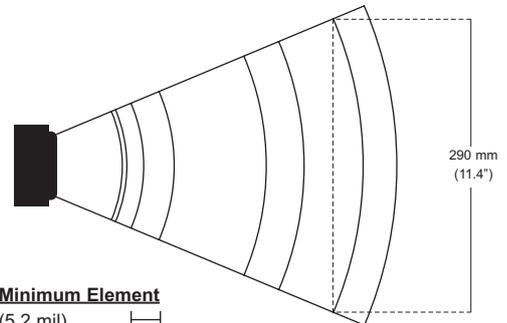
ENVIRONMENTAL

| | |
|-----------------------|---|
| Operating Temperature | 0°C to 55°C (-4°F to 131°F) |
| Storage Temperature | -30°C to 60°C (-22°F to 140°F) |
| Humidity | 5% to 95% relative humidity, non-condensing |
| Shock resistance | 1.2 m (4') drop onto concrete |

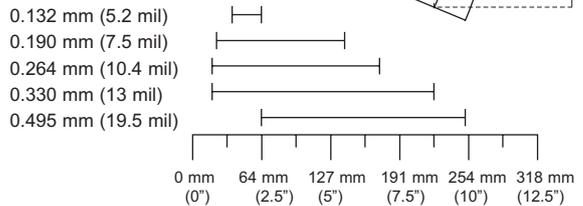
SCAN PERFORMANCE

| | |
|----------------------|--|
| Laser Scanner | |
| Visible Laser Diode | 650 nm |
| Minimum Bar Width | 0.127 mm (5 mil) |
| Width of Scan Field | 290 mm (11.4") @ 222 mm (8.75") |
| Depth of Scan Field | 20 mm-222 mm (.75"-8.75") for 0.33 mm (13 mil) bar codes |
| Scan Speed | 100 scan lines per second |
| Print Contrast | 35% minimum reflective difference |

Scan Area



Bar Code Minimum Element



Product Colors Available



Optimus is available in a variety of other colors with minimum quantity purchase



Sunrise 2005 Compliant



We really work for you.™

www.metrologic.com

ISO 9001:2000

Metrologic Instruments, Inc. | **Worldwide Headquarters**

90 Coles Road | Blackwood, NJ 08012-4683 | info@metrologic.com
Telephone 856-228-8100 | Fax 856-228-6673

Asian Headquarters
Tel. 65.6842.7155
info@sg.metrologic.com

European Headquarters
Tel. 49.89.89019.0
info@eu.metrologic.com

The Americas Headquarters
Tel. 1.800.ID.METRO
info@us.metrologic.com

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DS5500