



SP5600 OptimusR™

Metrologics OptimusR™ mobile computer provides a rugged solution for batch data collection applications in demanding warehouse and distribution center environments.

Impervious to water, dirt and dust, Metrologic's OptimusR provides a robust solution for efficient batch data collection in any demanding environment, including: inventory in dusty warehouses or steamy stockrooms, receiving products on wet loading docks and picking applications in freezing distribution centers

Besides an IP65 rating, OptimusR's reinforced housing protects it in falls from heights as high as 1.2 meters.

Ergonomic design features large, backlit computer keys for single hand operation. OptimusR further lowers

the cost of ownership by rapidly downloading data through a direct-connection option which eliminates the expense of a terminal cradle.

OptimusR comes with 2MB of memory (4MB & 8MB optional) for accommodating larger inventories. It maximizes uptime and labor efficiency with a rechargeable battery which provides 200 hours of continuous scanning operation per charge.

Easy navigation and software development tools make customizing an application for even the toughest bar code scanning challenges a snap.

www.metrologic.com/SP5600

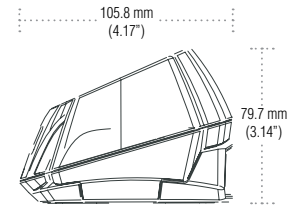
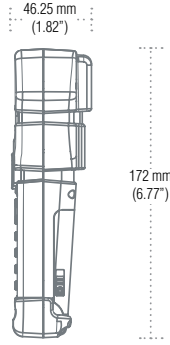
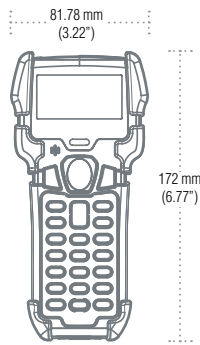


Features

- Plastic housing with integrated rubber
- IP65-rated
- Rechargeable battery
- Optimizer software suite
- Ergonomic design with large, backlit keys

Benefits

- Reinforced unit construction enhances durability
- Protects components from harsh and demanding environments
- 200 hours per charge maximizes uptime and labor efficiency
- Graphical software package makes setup and use quick and easy
- Shape and key placement facilitates comfortable one-handed operation



OPERATIONAL

System	
CPU	16-bit CMOS, low power consumption
Program Memory	2 MB flash ROM
Data Memory	2 MB SRAM (optional 4 MB or 8 MB)
Display	LCD - 128 x 64 pixels, back-lit
Resolution	8 lines x 20 characters (max), 4 lines x 15 characters (min)
Keypad	24 rubber keys; alpha/numeric, function, scanner (optional 39 keys)
Indicators	Buzzer - programmable audible indicator (1 KHz - 4KHz) LED - Dual-color, programmable green and red
Communication (Unit)	RS232, USB or Cradle-IR
Communication (Cradle)	RS232, USB
Application Development	Windows-based Optimizer; optional C & BASIC compilers

MECHANICAL

Height	Unit: 172 mm (6.77"); Cradle: 79.7 mm (3.14")
Depth	Unit: 46.25 mm (1.82"); Cradle: 105.8 mm (4.17")
Width	Unit: 81.78 mm (3.22")
Weight	300 g (10.6 oz) - including batteries

ELECTRICAL

Battery Operation	Li-ion
Battery Backup	3.0V, 7.0mA hours, rechargeable lithium battery
Operation	Over 200 hours
EMC regulation	FCC Class A, CE and C-Tick approved

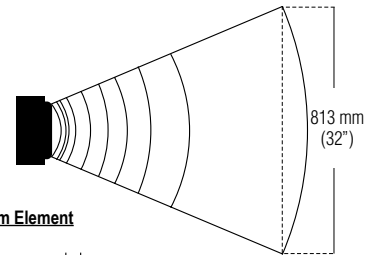
ENVIRONMENTAL

Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-30°C to 60°C (-22°F to 140°F)
Humidity	5% to 95% relative humidity, non-condensing
Shock	1.2 m (4') drop onto concrete

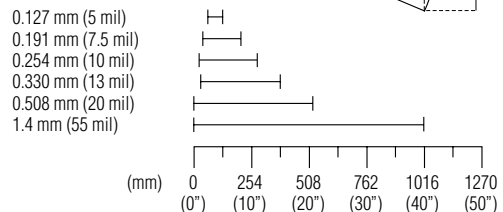
SCAN PERFORMANCE

Laser Scanner	
Visible Laser Diode	650 nm
Minimum Bar Width	0.127 mm (5.0 mil)
Width of Scan Field	305 mm (12") @ 381 mm (15")
Depth of Scan Field	51 mm - 381 mm (2" - 15") for 0.33 mm (13 mil) bar codes
Scan Speed	42 scan lines per second
Print Contrast	35% minimum reflective difference

Scan Area



Bar Code Minimum Element



Product Colors Available



SP5600 is available in a variety of other colors with minimum quantity purchase.



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