



SP5650 OptimusRW™

The Metrologic OptimusRW WiFi mobile computer provides a rugged solution for real-time data transfer in demanding warehouse and distribution environments.

With an IP rating of 65, OptimusRW can take a slamming and keep on scanning.

This stylish and ergonomic mobile computer integrates with standard wireless (802.11b) networks for long range, real-time data transfer up to 250 meters. It can also handle any batch data collection applications.

OptimusRW features easy navigation and software development tools to make customizing applications for even the toughest data-collection challenges a snap. Optimizer software quickly configures mobile computer programs and DataOptimizer software makes long-range, wireless data transfer to existing databases painless.

OptimusRW symbolizes Metrologic's increased efforts to expand its mobile computer product line. Metrologic will continue to develop products that enhance its hard-earned reputation for excellence.

With the OptimusRW, dusty, damp warehouses never looked so inviting.

www.metrologic.com

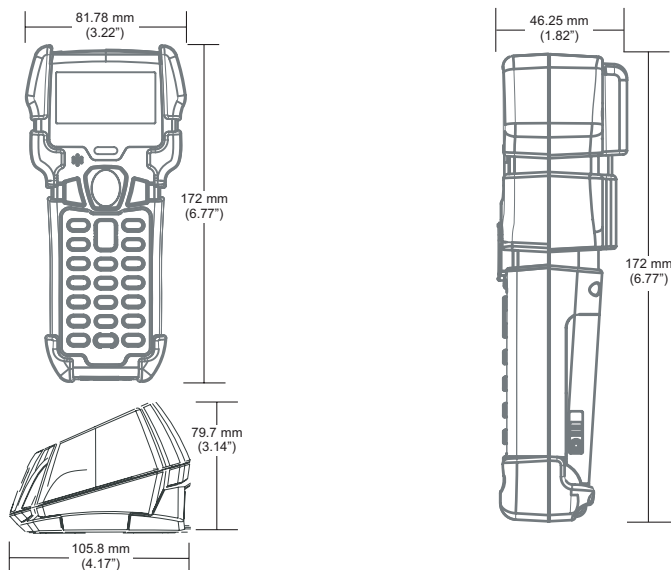


FEATURES

- Wireless (802.11b) communication option
- IP65 Rating
- Working range of 250 meters
- WEP and EAP security
- Terminal Emulation

BENEFITS

- Compatibility with existing wireless networks for easy integration
- Engineered to function in demanding environments
- Long range real-time data transfer allows greater flexibility for data collection
- Protects company information from outside sources
- Adaptable to older network systems



OPERATIONAL

System	
CPU	16-bit CMOS, low power consumption
Program Memory	2 MB flash ROM
Data Memory	256 kB SRAM (optional 2, 4 or 8 MB)
Display	LCD - 100 x 64 pixels, back-lit
Resolution	8 lines x 20 characters (max), 4 lines x 15 characters (min)
Keypad	25 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, 802.11b or Cradle IR
Communication (Cradle)	RS232, USB
Application Development	Windows-based Optimizer; DataOptimizer, Terminal Emulation, Optional C & BASIC compilers

MECHANICAL

Weight	140 g (4.9 oz) - including batteries
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ELECTRICAL

Battery Operation	Li-ion
Battery Backup	3.0V, 7.0mA hours, rechargeable lithium battery
Operation	Over 16 hours
EMC regulation	FCC Class A, CE and C-Tick approved

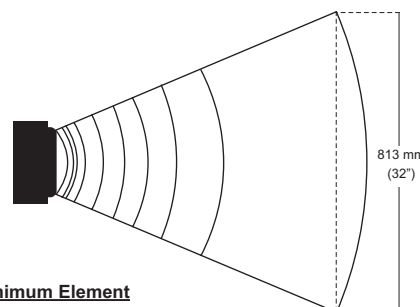
ENVIRONMENTAL

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 resistance	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

0.127 mm (5 mil)	
0.191 mm (7.5 mil)	
0.254 mm (10 mil)	
0.330 mm (13 mil)	
0.508 mm (20 mil)	
1.4 mm (55 mil)	

0 mm (0") 254 mm (10") 508 mm (20") 762 mm (30") 1016 mm (40") 1270 mm (50")

Product Colors
Available



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



Sunrise 2005 Compliant



www.metrologic.com

ISO 9001:2000

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