



Z-3251

Handy Wireless Laser Scanner



Compact and versatile, the Z-3251 offers mobile scanning through wireless communication technology. It is ideal for inventory tracking, field service, or any other mobile applications. Z-3251 includes a 32-bit CPU and excellent scan engine in a small yet powerful unit delivering intuitive and rapid scanning regardless of environment.

- Compact, light weight and portable
- Compatible with iOS/Android devices and Windows PC
- 32-bit microprocessor

1. Portability and mobility
2. iOS compatible
3. Antimicrobial housing available for medical usage



- Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.
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OPERATIONAL

Light Source	650 nm visible laser diode (VLD)
Optical System	Linear laser
Microprocessor	32 bit
Depth of Field	4 mil: 0 – 60 mm 5 mil: 0 – 100 mm 7.5 mil: 20 – 220 mm 10 mil: 0 – 180 mm 13 mil: 0 – 300 mm 20 mil: 0 – 350 mm <i>(Note: DOF may vary depending on environment condition and barcode quality)</i>
Scan Rate	100 scans per second
Min. Bar Width	4 mil
Print Contrast	30% @ UPC/EAN 100%
Indicator	Three-color LED (green, red & blue)
Programmable Operation	Beeper tone & volume
System Interface	USB HID, Virtual COM, OPOS

PHYSICAL

Dimension	97.0 × 40.0 × 23.0 mm
Weight	77.2 g (battery included)

POWER

Input Voltage	5 VDC ±10%
Battery	3.7V, 850 mAh, Li-ion rechargeable battery
Operating Current	Charging: 440 mA; non-charging: 150 mA
Battery Life	Over 80 hours at 6 scans per minute (depending on condition)

RADIO COMMUNICATION

Radio Interface	RF wireless compatible with BT 2.1 SPP/HID profile mode
Working Range	Up to 100M (depends on operating environment)

REGULATORY

EMC	CE & FCC DOC compliant, VCCI, BSMI
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ENVIRONMENTAL

Operating Temperature	0°C – 50°C (32°F – 122°F)
Storage Temperature	-20°C – 60°C (-4°F – 140°F)
Humidity	5% – 95% RH (non-condensing)
Light Level	Max. 4,500 Lux (fluorescence)
Drop Durability	Designed to withstand 1.2M drops
Environmental Sealing	IP43 rated sealing

DECODING CAPABILITY

1D Barcode	UPC/EAN/JAN, UPC-A & UPC-E, EAN-8 & EAN-13, JAN-8 & JAN-13, ISBN/ISSN, Code 39, Codabar, Code 128 & EAN 128, Code 93, ITF 2 of 5, IATA Code, MSI, China Postal Code, Code 32, Industrial 2 of 5, Standard 2 of 5, JAP, Code 11, GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded, Telepen
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