

# PowerScan® 7000BT SRI

Industrial Strength RF Imaging Scanner

## Data Sheet



### Features

- Solid state design makes the PowerScan 7000BT SRI the most rugged and reliable RF scanner on the market
- Bluetooth Wireless Technology with up to 328' / 100 m range
- Can be used with connectivity through the Base Station or directly to other Bluetooth devices
- Best dust and water sealing (IP65) on the market
- Industry leading standard range depth of field (DOF)
- Full multi-interface capability

### Accessories

- Four-slot battery charger
- Scan stand
- Take-up reel
- Holster/fork lift mount
- PowerHood

### Mechanical

#### Scanner

Dimensions: 8.0 x 3.0 x 4.5" / 203 x 76 x 115 mm  
Weight: 13.5 oz / 383 g

#### Base Station (antenna down)

Dimensions: 9.4 x 4.6 x 1.9" / 239 x 117 x 48 mm  
Weight: 12.6 oz / 358 g

Beeper/Speaker: 87 dBA for operator @ 50 cm (typical)

### Environmental

#### Temperature Rating

Storage (Scanner/Battery): -4° to 140° F / -20 to 60° C  
Storage (Base): -40° to 140° F / -40 to 60° C  
Operating: -4° to 122° F / -20 to 50° C  
Charging: 32° to 113° F / 0 to 45° C

Humidity: 5 to 95% NC

Shock: Withstands 50 drops from 6.5' / 2 m to concrete

Vibration: Meets MIL-STD-810E

Water & Particulate Sealing: IP65

### Optical

Scanning Width: 2" wide at 1" from scanner; 6" wide at 7" from scanner

Minimum Resolution: 3 mil minimum element size

Skew (Yaw): ± 60°

Pitch: ± 65°

Roll: ± 40°

Depth of Field: See Depth of Field Table below

DEPTH OF FIELD Range Comparisons	
LABEL DENSITY	STANDARD RANGE
5 mil	3 to 6' / 76 to 15.2 cm
7.5 mil	2 to 16' / 51 to 40.6 cm
10 mil	1.5 to 22' / 3.8 to 55.9 cm
13 mil	1 to 30' / 2.5 to 76.2 cm
20 mil	1 to 42' / 2.5 to 106.7 cm
55 mil	2 to 80' / 51 to 203.2 cm

Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, ambient light, temperature, and scan angle dependant.

### Electrical

Base Station requires Datalogic Scanning approved power supply

#### Battery Charge Times

In Base Station: Less than 4 hours

In Optional Charger: Less than 4 hours

### Decoding Capability (autodiscriminates among)

- Codabar
- Code 93
- Code 128
- Code 128 add-ons
- Code 128 ISBT
- EAN 128
- MSI/Plessey
- Standard 2 of 5
- UPC/EAN/JAN
- PDF-417
- Italian Pharmacode 39
- P2 /P5 add-ons
- RSS-14
- RSS Expanded
- Interleaved 2 of 5

### Host Communications

RS-232, Keyboard Wedge, USB, Wand Emulation, IBM 46XX, and USB (IBM SurePos).

In addition to standard PC/AT/PS/2, the keyboard wedge interface supports the following: Wyse 55, 60, 120, 150, etc.; IBM 347X/3487/31XX; Digital VT220, 240, 320, 420, 510, 520; Sun 420, ITX, and Sparc 5/10.

### Safety & Regulatory

Electrical: Complies to UL; cUL; EN60950

Emissions: Complies to FCC; EN 55022; CISPR22

Radio: FCC Part 15C, R and TTE, and IC

Laser Classification: CDRH Class II,

(Caution: Laser Radiation - do not stare into beam); IEC 60825 Class 2

Restriction of Hazardous Substances: Complies to EU RoHS



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### Datalogic Scanning, Inc.

Toll free: 1 800 695 5700

International: 1 541 683 5700

E-mail us at: [scanning@datalogic.com](mailto:scanning@datalogic.com)

[www.datalogic.com](http://www.datalogic.com)