

# PowerScan® 7000BT SRI

# Data Sheet

Industrial Strength RF Imaging Scanner



## 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 100 m / 328' 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: 203 x 76 x 115 mm / 8.0 x 3.0 x 4.5"

Weight: 383 g / 13.5 oz

### Base Station (antenna down)

Dimensions: 239 x 117 x 48 mm / 9.4 x 4.6 x 1.9"

Weight: 358 g / 12.6 oz

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

## Environmental

### Temperature Rating

Storage (Scanner/Battery): -20 to 60°C / -4° to 140° F

Storage (Base): -40 to 60°C / -40° to 140° F

Operating: -20 to 50°C / -4° to 122° F

Charging: 0 to 45°C / 32° to 113° F

Humidity: 5 to 95% NC

Shock: Withstands 50 drops from 2 m / 6.5' 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): ± 65°

Pitch: ± 65°

Roll: ± 40°

Depth of Field: See Depth of Field Table below

DEPTH OF FIELD Range Comparisons	
LABEL DENSITY	STANDARD RANGE
5 mil	76 to 152 cm / 3 to 6'
75 mil	51 to 406 cm / 2 to 16'
10 mil	38 to 559 cm / 15 to 22'
13 mil	25 to 76.2 cm / 1 to 30'
20 mil	25 to 106.7 cm / 1 to 42'
55 mil	51 to 203.2 cm / 2 to 80'

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)

- UPC/EAN/JAN
- EAN 128
- Italian Pharmacode 39
- P2 /P5 add-ons
- MSI/Plessey
- Code 93
- Code 39
- Standard 2 of 5
- Codabar
- Micro PDF
- Code 128
- Code 128 add-ons
- Code 128 ISBT
- PDF-417
- Interleaved 2 of 5
- Code 11
- IATA
- RSS-14/Limited/Expanded (linear & stacked)
- Composites CC-A and CC-B (only RS composites)

## 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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