

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 dependent.

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



The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Datalogic Scanning Inc. is under license.



Copyright © Datalogic Scanning, Inc. 2006-2007. All rights reserved. Protected to the fullest extent under U.S. and international laws. Copying, or altering of this document is prohibited without express written consent from Datalogic Scanning, Inc. • Datalogic Scanning, Inc. of Eugene, Oregon, USA is ISO registered by NQA. • The Datalogic logo is a trademark of Datalogic SpA. • All brand and product names are trademarks of their respective owners. • Additional information concerning this product or other Datalogic products and services can be found at the Datalogic web site: www.datalogic.com. • Product specifications are subject to change without notice.

R40-0157-US D 0407



Datalogic Scanning, Inc.

Toll free: 1 800 695 5700

International: 1 541 683 5700

E-mail us at: scanning@datalogic.com

www.datalogic.com



About BarcodesInc

Who We Are

BarcodesInc is North America's leading provider of barcode and mobile computing solutions. We are a leading provider of barcode and mobile computing solutions. We are a leading provider of barcode and mobile computing solutions.

We Owe Our Success To You

Our success is due to the support and trust of our customers. We are committed to providing the highest quality products and services to our customers.

Why Choose BarcodesInc?

Dedicated Account A UbU Yf

Our Account Managers will not compromise when it comes to providing you top-notch service. Your Account Manager is the primary point of contact for your business and makes it a priority to get to know you, your company and all your needs.

Highly-Trained Technical Support

Our technical staff has the broadest knowledge and every significant certification in the industry. One of our friendly experts is always available to suggest products and solutions for any situation.

Incredible Value

Our purchasing power means big savings for you. Whatever your project, our team will work hard to deliver a solution that fits your budget.

Largest Inventory in the Industry and Same-Day Shipping

Whatever your barcoding, mobile computing, or printing needs, we will fill your order and ship it the same day.

Premier Access to Top Manufacturers

BarcodesInc maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

Responsive Customer Service

Every phone call and email is responded to promptly, completely and accurately by our customer service team.

Easy Returns

Damaged, defective or incorrectly ordered goods may be returned without hassle.

BRANDS



AND MORE