Rugged, Flexible and Reliable

The Powerscan 7000 Industrial Imaging Scanner brings all the essential elements of a versatile high quality imager together in a rugged industrial design.

This tethered scanner is available in a decoded version that can read most of today's popular symbologies.

With a very high depth of field this standard range imager will ensure that you have accurate data capture on every scan.

ADVANTAGES

• **Outstanding Ruggedness:** Solid state design combined with an IP 65 rating ensure the Powerscan 7000 SRI can operate even in the most harsh working environments.

• **Depth of Field:** Industry leading depth of field for a standard range imaging scanner.

• **Precise Targeting:** An optional laser pointer is available for those applications where precise aiming is required.

• **Compatibility:** The Powerscan 7000 SRI can be connected to the following Psion Teklogix devices: 7535, 7535 G2, 7530, 7530 G2, 8525, 8525 G2, 8530, 8530 G2, 8560 and 8570.

• **Multi-Interface Capability:** The Powerscan 7000 SRI can interface with the following connection types: USB, RS232, Keyboard Wedge, Wand Emulation and IBM 46XX.

PSION TEKLOGIX

information in motion

Specifications

Powerscan 7000 SRI
Front View

Powerscan 7000 SRI
Side View

Powerscan 7000 SRI
Top View

MECHANICAL

- Dimensions
- Height: 190 mm / 7.5"
- Width: 75 mm / 3.0"
- Length: 115 mm / 4.5"
- Weight: 312 g / 11 oz (without cable)
- Beeper/Speaker: 87 dBA for operator @ 50 cm (typical)

ELECTRICAL

- Input Voltage: +4 to 14 VDC
- Input Power (typical)
  - Operating (idling with no trigger): 1.48 W
  - Standby (idling with no trigger): 0.96 W
- Input Current (typical)
  - Operating (scanning): 295 mA @ 5 VDC
  - Standby (idling with no trigger): 190 mA @ 5 VDC
  - Sleep: 1 mA @ 5V

ENVIRONMENTAL

- Temperature Rating
  - Operating: -30 to 50° C / -22° F to 122° F
  - Storage: -40 to 60° C / -40° to 140° 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

DECODING CAPABILITY

Autodiscriminates Among:
Codabar / EAN 128 / Italian Pharmacode 39 / Code 93 / MSI/Plessey / P2 /P5 add-ons / Code 128 / Standard 2 of 5 / RSS-14 / Code 128 add-ons / UPC/EAN/JAN / RSS Expanded / Code 128 ISBT / PDF-417 / 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 GostR; UL; cUL; EN60950
- Emissions: Complies to FCC; EN 55022; CISPR22; VCCI
- Laser Classification: CDRH Class II, (Caution: Laser Radiation - do not stare into beam);
- IEC 60825 Class 2

OPTICAL

- Scanning Width: 2" wide at 1" from scanner; 6" wide at 7" from scanner
- Minimum Resolution: 4 mil minimum element size
- Skew (Yaw): ± 60°
- Pitch: ± 65°
- Roll: ± 40°
- Ambient light capability: Up to 40,000 Lux
- Depth of Field: See Depth of Field Table below

DEPTH OF FIELD

DEPTH OF FIELD Range Comparisons	
LABEL DENSITY	STANDARD RANGE
5 mil	3 to 6" / 7.6 to 15.2 cm
7.5 mil	2 to 16" / 5.1 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" / 5.1 to 203.2 cm
Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, ambient light, temperature, and scan angle dependant.	

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

*Specifications are subject to change without notification.

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