

Industrial Strength Imaging Scanner



### Features:

- Solid state design makes the PowerScan 7000 the most rugged and reliable scanner on the market
- Lowest priced full performance industrial handheld scanner on the market
- Best dust and water sealing (IP65) on the market
- Industry leading standard range depth of field (DOF)
- Full multi-interface capability
- Industry Leading Four Year Warranty

# Accessories

- Universal Kit
- Scan Stand
- Take Up Reel
- Holster/Fork Lift Mount
- Power Hood

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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)

# 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 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: 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	
Range Comparisons	
LABEL DENSITY	STANDARD RANGE
5 mil	7.6 to 15.2 cm / 3 to 6"
7.5 mil	5.1 to 40.6 cm / 2 to 16"
10 mil	3.8 to 55.9 cm / 1.5 to 22"
13 mil	2.5 to 76.2 cm / 1 to 30"
20 mil	2.5 to 106.7 cm / 1 to 42"
55 mil	5.1 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

# Data Sheet

# 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:1mA@5V

MSI/Plessey

### Decoding Capability (autodiscriminates among)

Italian Pharmacode 39

• P2/P5 add-ons

Interleaved 2 of 5

- EAN 128 • Codabar
- Code 93

Code 128

- Standard 2 of 5 RSS-14 Code 128 add-ons
  UPC/EAN/JAN
  RSS Expanded
- Code 128 ISBT PDF-417
- 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



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