PowerScan® RF

Industrial Bar Code Scanners



Features:

- Wireless operation up to 46 m / 150' away from the Base Station
- Operates up to 8 hours on a single charge
- Scanner and Base Station are IP54 rated for dust and wind-blown rain
- QuadraLogic[®] II decoding software for superior scanning performance
- Multi-point operation allows for multiple scanner communications to a single Base Station
- Three year warranty

Mechanical

Dimensions

Scanner: $23.9 \times 10.2 \times 7.1 \text{ cm} / 9.4 \times 4.0 \times 2.8$ " Base Station: 26.7 x 8.9* x 6.4 cm / 10.5 x 3.5* x 2.5" *Width is 10.7 cm / 4.2" including mounting knobs

Powerscan: 360 g / 12.7 oz. Base Station: 454 g / 16 oz.

Environmental

Temperature Rating

Operating: -10 to 50° C / 14° F to 122° F Storage: -20 to 60°C/-4° to 140° F

Humidity: 5 to 95% NC

Shock.

Scanner: Withstands multiple drops from 1.8 m / 6' to concrete Base Station: Multiple 1.2 m / 4' drops to concrete

Vibration: Meets MIL-STD-810E

Optical

Light Source: Extra Bright 650nm Visible Laser Diode (VLD)

Scan System: Frictionless flexure mechanism

Rate: 37 scans/sec. nominal Print Contrast Ratio: 25% minimum

Pitch: +65° Skew: ±55°

Ambient Light Immunity

Artificial Light: 12.900 Lux / 1,200 foot candles Sunlight: 86,100 Lux / 8,000 foot candles Depth of Field: See Depth of Field Table below

Decoding Capability (autodiscriminates among)

- UPC/EAN/IAN Code 39
- Code 93 MSI/Plessev

Interleaved 2 of 5

- Code 39 full ASCII
 Code 128
- Codabar
- Pharmacode 39 Standard 2 of 5

Electrical

Scanner Operating Current (nominal):

200mA @ 2.45 VDC (from NiMH Batteries) (6,000 scans per charge)

Data Sheet

Base Station:

External Power Input Requires Datalogic Scanning Approved Power Supply

> Input Voltage (Power Off Terminal): 7.5 to 14 VDC Input Current (nominal):

110mA (charger empty)

135mA (Battery in trickle charge) 280mA (Battery in fast charge)

Battery Charge Time

In Base Station: 4 hrs to 90%, 6 hrs to 100% In Optional Charger: 2 hrs to 90%, 4 hrs to 100%

Communications

Host:

- RS-232C Serial
- PC (XT, AT, PS2)
- Wand Emulation
- USB Keyboard
- Universal Keyboard Wedge (supports over 2,000 PCs/terminals)

Radio:

Multi-point Operation: up to 8 scanners to one base station

Channels: 10 each, software selectable Range: 46 m / 150' line of sight Frequency Range (varies by country):

902 MHz - 928 MHz

433.05 MHz - 434.79 MHz (RoHS version available)

Safety & Regulatory

Electrical: Complies to TÜV; UL; cUL

Emissions: Complies to FCC-A; EN 55022-B; BCIQ CNS13438; AS/NZS 3548

Laser Classification: CDRH Class II: XLR model is Class IIIA.

(CAUTION: Laser Radiation – do not stare into beam); IEC 60825 Class 2

Radio: ETSI-ETS-300 220: FCC Part 15.249

For a complete list of approvals by country, please contact your Datalogic Scanning representative.

Restriction of Hazardous Substances: Model with 433MHz radio complies to EU RoHS



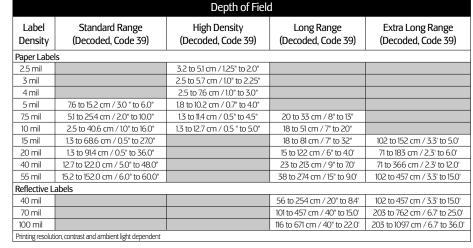








- Four Slot Charger
- Scan Stand
- Take Up Reel
- Holster/Fork Lift Mount





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