

QuickScan® QS6000 Plus

Handheld Scanner

Data Sheet



Ideal for:

- Retail Applications
- Health Care
- Inventory
- Office Automation
- Light Industrial

Features:

- Great depth-of-field
- AutoSense® stand for hands-free operation
- Optional EAS antenna for simultaneous scanning and security tag deactivation
- Universal wedge for additional keyboard emulation, bar code symbologies, and data editing
- Sunrise 2005 Compliant
- GSI DataBar™ (RSS) decoding available on select models

Mechanical

Dimensions

Height: 16.5 cm / 6.5"
Width: 7.1 cm / 2.8"
Length: 10.7 cm / 4.2"

Weight: 184 g / 6.0 oz. (scanner)

Environmental

Temperature Rating

Operating: 0° to 50° C / 32° to 122° F
Storage: -40° to 70° C / -40° to 158° F

Humidity: 5 to 95% NC

Shock (at 23° C): Withstands multiple 1.5m / 5' drops onto concrete (100+ drops to countertop)

Water & Dust: Resistant, IEC529 rating IP53DW

Vibration: MIL-STD-810E

Optical

Light Source: 650nm Visible Laser Diode (VLD)

Scan Rate: 42 scans/sec (nominal)

Scan System: Electromagnetic dithering mirror

Resolution: 5 mils (13mm)

Print Contrast: 30% minimum

Pitch: ±65°

Skew: ±55°

Scan Angle: 46°

Ambient Light Immunity

Artificial Light: 12,900 Lux / 1,200 foot candles

Sunlight: 81,600 Lux / 8,000 foot candles

Depth of Field: Refer to Table below

| DEPTH OF FIELD* Range Comparisons | |
|--------------------------------------|----------------------------|
| LABEL DENSITY | RANGE |
| 5 mils | 2.5 — 76 cm / 10 — 30" |
| 7.5 mils | 1.3 — 15.2 cm / 0.5 — 6.0" |
| 10 mils | 0 — 22.9 cm / 0 — 9" |
| 13 mils | 0 — 33 cm / 0 — 13" |
| 20 mils | Up to 50.8 cm / 20" |

* Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.

Electrical

Operating Voltage

Undecoded: 4.2 V to 14 VDC

Decoded: 4.5 V to 14 VDC

Operating Current - nominal

Undecoded: 70 mA @ 5 VDC

Decoded: 120 mA @ 5 VDC

Idle Current - nominal

Undecoded: 10 µA @ 5 VDC

Decoded: 23 mA @ 5 VDC

Decoded lowest power mode: 14 mA @ 5 VDC

Communications

- RS-232
- Standard Keyboard Wedge
- Universal Keyboard Wedge
- IBM 46XX
- USB
- Wand Emulations
- OCIA
- Undecoded

Decoding Capability

- UPC A, E / EAN 8, 13 / JAN 8, 13 (Add-ons P2/P5)
- Code 128 / EAN 128
- Pharmacoode 39
- Interleaved 2 of 5
- Code 39
- GSI DataBar™ (RSS) on selected models
- Codabar
- Code 93
- Standard 2 of 5
- IATA
- MSI/Plessey

Safety & Regulatory

Electrical: Complies to Gost R; TÜV; UL; cUL

Emissions: Complies to FCC-A; EN 55022-B; CNS 13438; AS/NZS 3548; VCCI-B

Laser Classification: CDRH Class II;

(Caution: Laser Radiation - do not stare into beam); IEC 60825 Class 2



Available Mounting Options



P/N: 7-0204
AutoSense®

P/N: 7-0470
AutoSense®
(w/o base)

P/N: 5-0788
Universal Holster

P/N: 7-0393
Mountable
Tabletop



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