

QuickScan® QS6000 Plus

Handheld Scanner



At A Glance

"With the QS6000 Plus bar code scanner, there's no need to make trade-offs between quality and affordability. High-end performance, advanced ergonomic design, enhanced durability - the combination of these features in the QS6000 Plus adds up to one of the best values in the industry."

— A Leading Bar Code Retailer



FEATURES	BENEFITS
<ul style="list-style-type: none"> • Best depth-of-field • Snappiest First Read 	<ul style="list-style-type: none"> • Provides greater flexibility at the POS front end • Fastest start-of-scan in the industry • Superior time-to-read performance
<ul style="list-style-type: none"> • Elastomer Overmold 	<ul style="list-style-type: none"> • Protects scanner from shocks • Resistant to slipping off of counters • Protects scan window
<ul style="list-style-type: none"> • Lexan Scan Window 	<ul style="list-style-type: none"> • Minimizes scratches to keep premium scanning performance
<ul style="list-style-type: none"> • Polyurethane Interface Cable 	<ul style="list-style-type: none"> • Best abrasion and chemical resistance of any cable on the market • Lasts over 250,000 right angle bends
<ul style="list-style-type: none"> • Cable AutoSelect™ 	<ul style="list-style-type: none"> • Scanner can be used with more than one host • Automatically determines which interface to activate when the cable is plugged in • No special tools required

Accessories

- Hands Free Stand
- Counter Holder/Wall Mount
- Cables, power supplies & cords
- Service options

Alternative PSC Solutions

- QuickScan QS6500
- QuickScan QS2500

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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
- RSS decoding available on select models

Mechanical

Dimensions
 Height: 6.5" / 16.5 cm
 Width: 2.8" / 71 cm
 Length: 4.2" / 10.7 cm
Weight: 6.0 oz. / 184 g (scanner)

Environmental

Temperature Rating
 Operating: 32° to 122° F / 0° to 50° C
 Storage: -40° to 158° F / -40° to 70° C
Humidity: 5 to 95% NC
Shock (at 23° C): Withstands multiple 5' / 15m 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: 1,200 foot candles / 12,900 Lux
 Sunlight: 8,000 foot candles / 81,600 Lux
Depth of Field: Refer to Table below

DEPTH OF FIELD* Range Comparisons	
LABEL DENSITY	RANGE
5 mils	1.0 — 3.0' / 2.5 — 7.6 cm
7.5 mils	0.5 — 6.0' / 1.3 — 15.2 cm
10 mils	0 — 9' / 0 — 22.9 cm
13 mils	0 — 13' / 0 — 33 cm
20 mils	Up to 20' / Up to 50.8 cm

* 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 to 5 VDC
 Decoded: 120 mA to 5 VDC
Idle Current - nominal
 Undecoded: 10 µA to 5 VDC
 Decoded: 23 mA to 5 VDC
Decoded lowest power mode: 14 mA to 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
- Pharmacode 39
- Interleaved 2 of 5
- Code 39
- 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; BCIQ CNS 13438; AS/NZS 3548; VCCI-B
Laser Classification: CDRH Class IIa;
 (Caution: Laser Radiation - do not stare into beam);
 IEC 60825 Class 1 & 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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