

# QuickScan® 6000 Plus

Handheld Scanner



#### **Ideal for:**

- All in-store applications

#### **Features:**

- Low power consumption
- AutoSense® stand for hands-free operation
- Dual interfaces with AutoSelect™
- Optional EAS antenna for simultaneous scanning and security tag deactivation
- Universal wedge for additional keyboard emulation, bar code symbologies and data editing

#### **Checkout The Handheld Scanner That Is Setting The New Standard At Retail Checkout Around The World**

#### **Great Performance is now even Better!**

The QuickScan® 6000 Plus handheld scanner offers great performance at a very affordable price. With a high first pass read rate and the best speed-to-read of any scanner in its class, the QS6000 Plus speeds retail checkout. And its 33 cm / 13" depth-of-field with 100% UPC labels extends the user's working range.

With a high visibility option, utilizing a 650nm laser diode, the user can target and read bar codes even in bright light conditions due to the scanner's inherent tolerance of high ambient light conditions. Plus, PSC's advanced electronics perform well even when reading low contrast labels with poor edge definition.

#### **Hardened for Tough Store Environments**

The QS6000 Plus scanner incorporates the most advanced, high durability features available today. The reading engine and optics are protected by anti-shock mounts built to absorb up to 1500 Gs. In fact, the QS6000 Plus can withstand repeated five-foot drops to concrete.

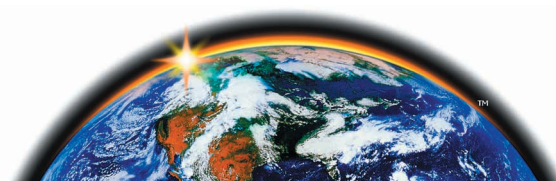
The QS6000 Plus also features a strong, plastic enclosure that guards against liquid and dust infiltration. A tough, rubber-like shield cushions the scanner when dropped, protects the scan window from scratching and prevents the scanner from slipping off counter surfaces.

#### **Lightweight & Ergonomic For Maximum Scanning Comfort & Productivity**

The QS6000 Plus scanner was developed with operator comfort in mind—a critical factor that ensures prolonged operator productivity. The weight of its evenly balanced design can be held easily in any size hand, even during extended periods of use. When resting on a horizontal surface, in a stand, or in a belt holster, the handle is quickly and easily grasped for "scoop and scan" simplicity.

#### **The QuickScan® 6000 Plus: An Outstanding Value**

With the QS6000 Plus 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.



# Specifications

## QS6000 Plus

### PRODUCT

Specifications apply to RS232 interface with 680nm VLD unless otherwise stated.

#### Mechanical

**Dimensions:** 16.51 x 7.01 x 10.74 cm / 6.50 x 2.76 x 4.23"

#### Weight

Scanner: 170 g / 6.0 ozs.  
Cable (81 cm/32"): 176 g / 6.2 ozs.

#### Cable length options

Collapsed: 81 cm / 32",  
Max. Working: 183 cm / 72";  
Collapsed: 203 cm / 80",  
Max. Working: 305 cm / 120"

(For other cable options, contact your PSC sales representative.)

#### Optical

**Light source:** Visible Laser Diode(VLD), 680 nm-nominal (650 nm-optionnel)

**Scan system:** Electromagnetic dithering mirror

**Rate:** 42 scans/sec. (nominal)

**Depth-of-field:** Refer to chart on this page

**Resolution:** 0.13mm / 5 mils

**Print contrast ration:** 30% minimum

**Pitch:** ±65°

**Skew:** ±55°

**Scan angle:** 46°

#### Ambient light immunity

Artificial light: 12600 Lux / 1,200 foot candles  
Sunlight: 84000 Lux / 8,000 foot candles

#### Electrical

**NOTE:** Specifications using the 680 nm laser diode & cable

#### Operating voltage

Undecoded: 4.2 V to 14 VDC  
Decoded: 3.8 V to 20 VDC

#### Operating current - nominal

Undecoded: 70 mA to 5 VDC  
Decoded: 120 mA to 5 VDC

#### Idling current - nominal

Undecoded: 10 µA to 5 VDC,  
Decoded: 23 mA to 5 VDC;  
Decoded, lowest power mode: 14 mA to 5 VDC

#### Environmental

#### Temperature

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 1.5 m / 5.0' drops onto concrete / 100+ drops to countertop

#### Vibration:

MIL-STD-810E

#### Water & Dust:

Resistant, IEC529 rating IP53DW

#### Decoding Capability

- UPC A, E / EAN 8,13 / JAN 8,13  
(Codes add-ons P2 / P5, Code 128)
- Code 128/EAN 128
- Codabar
- Pharmacode 39
- Code 93
- Interleaved 2/5
- Standard 2/5, IATA
- Code 39
- MSI/Plessey

#### Communications

**AutoSelect™ cable determines active interface**

- IBM 4682/92 (Port E)
- IBM 4683/84 (Ports 5B & 9B) and Wand Emulation
- IBM 4693/94 (Ports 5B & 9B) and Wand Emulation
- IBM 46XX / USB Embedded with USB Single Cable
- RS232 & IBM 46xx
- RS232 & Wand Emulation
- RS232 & Standard Keyboard Wedge
- OCIA (formats SP & NCR) & RS232
- Standard Keyboard Wedge & Wand Emulation
- Universal Keyboard Wedge
- Undecoded

#### 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 ;

(ATTENTION: Laser Radiation - do not stare into beam);  
IEC 60825 Class 1 & 2



Depth-of-Field		
Printing resolution, contrast and ambient light dependent		
Label Density	Range	
5 mils	2.5 to 7.6 cm /	1.0 to 3.0"
7.5 mils	1.3 to 15.2 cm /	0.5 to 6.0"
10 mils	0.0 to 22.9 cm /	0.0 to 9.0"
13 mils	0.0 to 33.0 cm /	0.0 to 13.0"
20mils	up to 48.3 cm /	up to 20.0"

#### Available Mount 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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#### Specifications are subject to change without notice.

Additional information concerning this product or other PSC products and services can be found at the PSC website: [www.pscnet.com](http://www.pscnet.com); or contact your PSC representative for more information.

