

QuickScan® QS6000 Plus

For EAS models, Undecoded, with OCIA, Wand Emulation and IBM USB interfaces

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: 6.5" / 16.5 cm
Width: 2.8" / 7.1 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' / 1.5m 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.

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

Electrical

Operating Voltage

Undecoded: 4.2 V @ 14 VDC

Decoded: 4.5 V @ 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
- Pharmacode 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



For QuickScan QS6000 Plus non-EAS models with RS-232, Standard/Universal Keyboard Wedge, USB and IBM interfaces, please refer to the [R40-0305 QuickScan QS6000 Plus data sheet](#).

DATALOGIC™

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