



Motorola DS6878-HC

Cordless 2D imager for healthcare applications



FEATURES

Designed for deployment on a computer or workstation on wheels (COW or WOW)

USB charging capability eliminates a power supply and the typical cable management headaches normally associated with mounting a cordless scanner to a medical cart, computer cart or workstation (COW or WOW); horizontal or vertical installation provides the flexibility to keep the work surface clear while ensuring that the scanner is always in easy reach and charging

Disinfectant-ready

IP43 sealing and a specially designed plastic housing allows safe wipe-down and cleansing with a wide variety of harsh chemicals (See Specification Chart for approved cleanser list)

Prevent medical errors, improve patient safety and increase caregiver productivity

The DS6878-HC cordless imager from Motorola enables hospitals to automate data capture, improve data accuracy, increase productivity and streamline everyday processes in patient rooms, admitting, laboratories and the pharmacy. Its matchless feature set meets the unique requirements of healthcare facilities. An intuitive and ergonomic design combines with dependable and rapid capture of bar codes and other images, allowing caregivers to remain focused on the patient — not the technology. The DS6878-HC is easy to install virtually anywhere inside the hospital environment — the flexible base options enable easy mounting horizontally or vertically on walls, cabinets and workstations. Cordless freedom via Bluetooth allows users to easily move to the bar code, eliminating the hazards associated with cables as well as the need to disturb or inconvenience patients, while offering the flexibility required for rapid data capture in emergency situations. And with the ability to charge the scanner over the USB cable, the need for a separate power supply and the management headaches associated with mounting a cordless scanner to a computer or workstation on wheels (COW or WOW) are eliminated.

Comprehensive high-performance data capture for a world of healthcare applications

The ability to capture any 1D or 2D bar code as well as signatures, documents, still photographs and video enables this single device to error-proof and simplify many processes throughout your facility — from medication administration to specimen collection, admitting, and inventory and dietary management. Built on Motorola's revolutionary SE4500 scan engine, the DS6878-HC re-defines imaging technology, offering easy first-time capture of any type of data through: laser-like performance on 1D and 2D bar codes; an intuitive aiming pattern; scanning in any type of lighting; the ability to capture even poor quality and damaged bar codes; and full omnidirectional scanning, eliminating the need to precisely align bar code and imager.

Disinfectant-ready design prevents the spread of germs

The DS6878-HC is designed specifically to help protect patients and caregivers against dangerous and deadly illnesses. IP43 sealing and specially selected plastics that utilize proprietary molding technologies create a hygienic design that allows safe wipe-downs and sanitizing with bleach, alcohol, soap and water and more — without harming the housing or the sensitive scanning components.

Regulatory

Electrical Safety:	UL6950-1, CSA C22.2 No. 60950-1, EN60950-1/IEC60950-1
Laser Safety:	EN60825-1:1994 +A1: 2002 +A2 :2001, IEC60825-1, 21CFR1040.10 and 21CFR1040.11, CDRH Class II, IEC Class 2
EMI/RFI:	FCC Part 15 Class B, ICES-003 Class B, CISPR 22, CISPR 24; Medical electrical equipment: EN60601-1-2: 2002
Environmental:	Compliant with RoHS directive 2002/95/EEC
Radio:	Bluetooth™, Class 1, Version 2.1 + EDR, Adaptive Frequency Hopping (enables co-existence with 802.11 wireless networks), serial port & HID profiles; data rate — up to 3 Megabits/sec

Accessories

Power Supplies:	Power supplies are available to support faster charging or for applications that do not supply power over the host cable
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Mounting Brackets:	Wall-mount bracket; workstation bracket
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Warranty

Subject to the terms of Motorola's hardware warranty statement, the Symbol DS6878 is warranted against defects in workmanship and materials for a period of three years from the date of shipment. For the complete Motorola hardware product warranty statement, go to: <http://www.motorola.com/warranty>

Recommended Services

Customer Services:	Service from the Start Advance Exchange Support
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DS6878-HC Typical Decode Ranges (Trigger Mode)

Barcode Type	Barcode Density	DL Ranges Inches from scanner nose (typical)
Code 39	5 mil	0.5 - 6.3 in.
Code 128	6 mil	1.3 - 5.4 in.
Code 128	10 mil	* - 8.0 in.
60% UPC	7.8 mil	0.6 - 7.2 in.
100% UPC	13 mil	0.7 - 11 in.
PDF	5 mil	1.9 - 3.5 in.
PDF	6.6 mil	1.0 - 5.9 in.
PDF	10 mil	* - 8.0 in.
DataMatrix	10 mil	1.1 - 7.2 in.

* Limited by FOV

Bluetooth® v2.1 with EDR

Provides a secure wireless connection to the scanner base station for cordless convenience and safety

RSM (Remote Scanner Management) Ready

Reduces total cost of ownership by enabling remote, network-based device management of all devices in all locations

Supports 123Scan2 scanner configuration tool

Enables rapid and easy customized set-up through a free, wizard-based PC software tool

For more information on how you can put the DS6878-HC to work in your healthcare organization, please visit us on the web at www.motorola.com/DS6878HC or access our global contact directory at www.motorola.com/enterprisemobility/contactus

SPECIFICATION SHEET

Motorola DS6878-HC
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