MOTOROLA DS6707-HC

Handheld corded 2D imager for healthcare applications

IMPROVE THE QUALITY OF CARE, CAREGIVER EFFICIENCY AND PATIENT SAFETY

The DS6707-HC corded imager enables hospitals and clinics to automate data capture at the point of care and beyond, reducing cycle times and the opportunity for errors in medication administration, specimen collection, admitting, dietary management and many other healthcare applications. This versatile scanner combines the functionality of a 1D and 2D bar code scanner, digital camera and document scanner in a single device, allowing caregivers to capture virtually any bar code as well as images, signatures and documents. The features and functionality help reduce risk for both patient and hospital; enrich patient information; and enable cost-effective compliance with emerging healthcare regulations.

EASY-TO-USE FIRST-TIME EVERYTIME SCANNING

True point-and-shoot technology keeps caregivers focused on patients — not the technology. A viewfinder ensures proper aiming. And omni-directional scanning eliminates the need to orient products to the scanner window.

DISINFECTANT-READY DESIGN PREVENTS THE SPREAD OF GERMS

The DS6707-HC helps protect patients and caregivers against dangerous and deadly illnesses. A specially designed plastic housing enables a hygienic design that allows safe wipe-downs and sanitizing with the disinfectants commonly used in hospitals — without harming the housing or the sensitive scanning components.

BUILT FOR ALL-DAY EVERYDAY USE

Caregivers can count on dependable operation. Motorola's best-in-class drop specification, scratch-resistant glass window and IP41 sealing work hand-in-hand to protect sensitive electronics from exposure to dust, wipedowns and the inevitable everyday drops, bumps and spills.

SUPERIOR DOCUMENT CLARITY

Our text enhancement software delivers the document clarity required to streamline recordkeeping. The high-resolution camera and text-enhancing software work hand-in-hand to ensure the visibility of even very small print on medication prescriptions, insurance and identification cards and more — enabling digital documents to replace paper files.

A SUPERIOR RETURN ON INVESTMENT AND LOW TOTAL COST OF OWNERSHIP

The DS6707-HC reduces capital and operating expenses by eliminating the need to purchase, manage and support additional devices — such as flatbed scanners for document capture. The ability to remotely track, deploy and upgrade the scanners from a central location substantially reduces typical management costs. And Motorola's Service from the Start Advance Exchange Support with Comprehensive Coverage helps keep your DS6707-HC scanners in the hands of your caregivers, maximizing uptime as well as the value of your investment. This unique service offers next-business-day replacement for devices that require repair as well as coverage for normal wear and tear and internal and external components damaged through accidental breakage, reducing unforeseen repair expenses.

FEATURES

Disinfectant-ready
A specially designed plastic housing allows safe wipedown and cleansing with a wide variety of harsh chemicals (See Specifications Chart for lists of approved agents and cleansers.)

1.3 Megapixel imaging
Provides resolution to support image capture and bar code scanning; provides flexibility to capture documents as large as 8.5 in. x 11 in./ 21.6 cm x 27.9 cm

Support for all major 1D, PDF, postal and 2D symbologies
Delivers application flexibility; eliminates need for multiple devices — and associated costs

6 ft./1.8m drop specification, tempered glass exit window
Designed to endure the rigors of everyday use for maximum reliability and uptime; reduces downtime and TCO

360° omni-directional scanning; wide working range, laser aiming pattern
Easy to use; no need to align item and scanner; virtually no training required

DS6707-HC SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS

Dimensions	6.55 in. H x 4.72 in. L x 2.82 in. W 16.6 cm H x 11.9 cm L x 7.1 cm W
Weight	6.4 oz. (182 g)
Voltage and Current	5 +/-10%VDC @ 350 mA
Color	Healthcare White

PERFORMANCE CHARACTERISTICS

Light Source	Intel XScale PXA270 processor at 624 MHz
Field of View (Vertical x Horizontal)	SR - Standard range: 34° V x 43° H DC - Document capture: 35° V x 44° H
Roll / Pitch / Yaw	SR - Standard range: 360°, ±65°, ±60° DC - Document capture: 360°, ±65°, ±60°

SYMBOLOGY DECODE CAPABILITY

1-D	UPC/EAN and with supplementals, Code 39, Code 39 Full ASCII, Tri-optic Code 39, RSS variants, UCC/EAN 128, Code 128, Code 128 Full ASCII, Code 93, Codabar (NW1), Interleaved 2 of 5, Discrete 2 of 5, MSI, Codell, IATA, Bookland EAN, Code 32
PDF417 (and Variants)	PDF417, microPDF417 and composite codes
Postal	U.S. Postnet and Planet, U.K., Japan, Australian
2-D	MaxiCode, DataMatrix (ECC 200), QR Code and Aztec
Print Contrast	25% minimum reflectance
Motion Tolerances	Horizontal velocity: 5 in. (12.7 cm) per second
Interfaces Supported	RS-232C (Standard, Nixdorf, ICL, and Fujitsu); USB (Standard, IBM SurePOS, Macintosh)

IMAGING CHARACTERISTICS

Image (Pixels)	1.3 Megapixel: 1280 pixels H x 1024 pixels V
Graphics Format Support	Images can be exported as Bitmap, Jpeg, and Tiff
Image Transfer Speed	USB 1.1: Up to 12 Megabits/second RS232: Up to 115 kb baud rate
Image Transfer Time	Typical USB application is ~ 0.2 seconds with a compressed Jpeg of 100 kb

Imaging Distance (Vertical x Horizontal)	Document Sizes	Minimum Distance (Approximate)
	2 1/8 x 3 3/8 in. (5.4 x 8.6 cm)	2.4 in. (6.1 cm) 4 x 6
	in. (10.2 x 15.2 cm)	5.7 in. (14.5 cm)
	5 x 7 in. (12.7 x 17.8 cm)	6.9 in. (17.5 cm)
	8 x 11 in. (21.6 x 28 cm)	11.9 in. (30.2 cm)

Ranges are from the nose of the scanner and are based on DC – Document Capture focus only.

USER ENVIRONMENT

Sealing	IP41 (Water and Dust Resistant)
Operating Temperature	32° to 122° F / 0° to 50° C
Storage Temperature	-40° to 158° F / -40° to 70° C
Humidity	5% to 95%, non-condensing
Drop Specifications	Withstands multiple 6 ft. (1.8m) drops to concrete
Ambient Light Immunity	Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting
Approved Cleansers	Isopropyl alcohol, bleach/sodium hypochlorite, hydrogen peroxide, gentle dish soap and water
Approved Brand-name Cleansers	Super Sani-Cloth® Wipes; Clorox® Bleach; Windex® Antimicrobial; Windex® with Ammonia D; Virex® 5 Wipes; Dispatch®; Ethanol 80%

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
Mounting Options (Accessories)	Intellistand with adjustable height: 5–10 in. (12.7—25.4 cm) and adjustable angle: 0°—90°; desktop and wall-mount holders
Power Supplies	Power supplies are available for applications that do not supply power over the host cable

WARRANTY

Subject to the terms of Motorola's hardware warranty statement, the Motorola DS6707-HC handheld scanner products are warranted against defects in workmanship and materials for a period of five years from the date of shipment. For the complete Motorola hardware product warranty statement, go to: http://www.motorola.com/enterprisemobility/warranty

Text enhancement technology
Ensures legibility of text in scanned documents

Multiple on-board interfaces; universal cable compatible
Easy to install; future-proof — today's scanner can connect to tomorrow's host

Optional hands-free Intellistand
Enables presentation scanning and automatic switching between hands-free and handheld modes

RSM (Remote Scanner Management) Ready
Lowers IT expenses and TCO by enabling remote management from a central location

For more information on the DS6707-HC corded 2D imager, visit our global contact directory at www.motorolasolutions.com/enterprise/contactus, or visit us on the Web at www. motorola.com/ds6707hc

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