DS6700 Series
Handheld Digital Imager Scanner

Capture data and images with single multi-use device

The versatile DS6700 Series from Symbol Technologies delivers the functionality of a 1D and 2D bar code scanner, digital camera and document scanner in a single device. Designed to meet a wide variety of business needs across a variety of industries, the DS6700 enhances employee productivity and streamlines business processes in retail, healthcare, government, manufacturing and more by combining an onboard 1.3 megapixel camera with high performance scanning features and superior digital imaging technology.

Enhance employee productivity

The DS6700 Series delivers the accurate and rapid first time scanning of bar codes required to maximize employee productivity. Whether you need to read 1D, 2D or PDF417 bar codes, the DS6700 Series provides true point-and-shoot bar code capture — there is no need to orient products to the scanner window, and a viewfinder ensures the image is properly captured the first time. Users can dynamically switch between hands-free and handheld operation to quickly, easily and safely scan large items. And a pick list function expands usability from the front room to the back room, enabling rapid processing of orders and more.

Superior document clarity for record-keeping applications

Our text enhancement software delivers the document clarity required to streamline recordkeeping, replacing paper-based files with electronic filing. From medication prescriptions to bills of lading, the high-resolution camera and text-enhancing software work hand-in-hand to ensure the visibility of text on documents captured, including very small print. As a result, critical business information is literally at your fingertips, helping to reduce administrative and regulatory compliance costs.

An outstanding return on investment

The DS6700 Series reduces capital and operating expenses by eliminating the need to purchase, manage and support additional devices — such as digital cameras and separate bar code scanners for different symbologies. Fewer devices to deploy significantly reduces the time and costs associated with training — and positively impacts productivity. The ability to remotely track, deploy and upgrade DS6700 Series scanners reduces typical management costs. And since even the most intelligent devices require a support plan, Symbol's Service from the Start Advance Exchange Support agreement provides next-business-day delivery of a replacement device for maximum uptime and true service peace of mind.

For more information on how the D6700 series can give your enterprise a business advantage, contact us at +1.800.722.6234 or +1.631.738.2400, or visit us on the Web at: **www.symbol.com/ds6700**

FEATURES	BENEFITS
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./21.6cm x 27.9cm
Support for all major 1D, PDF, postal and 2D symbologies	Delivers application flexibility; eliminates need for multiple devices — and associated costs
RSM (Remote Scanner Management) Ready	Lowers IT expenses and TCO by enabling remote management from a central location
Text enhancement technology	Ensures legibility of text in scanned documents
6 ft./1.8m drop specification, tempered glass exit window	Designed to endure the rigors of everyday use for maximum reliability and uptimes; reduces downtime and TCO
Multiple on-board interfaces; universal cable compatible	Easy to install; future-proof — today's cradle can connect to tomorrow's host
360° omni-directional scanning; wide working range, laser aiming pattern	Easy to use; no need to align item and scanner; virtually no training required
Optional hands-free Intellistand	Enables presentation scanning and automatic switching between hands-free and handheld modes

symbol ®
The Enterprise Mobility Company™

DS6700 Series Specification Highlights

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 gm)
Voltage and Current:	5 +/-10%VDC @ 350 mA
Color:	Cash Register White (shown) or Twilight Black

Performance Characteristics

Light Source:	Aiming: 650 nm laser diode Illumination: 630 nm LED
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, and Dutch
2-D:	MaxiCode, DataMatrix (ECC 200), and QR Code
Nominal Working Distance: (SR - Standard Range focus)	5 mil (Code 39): 1.1 – 6.5 in. (2.8 – 16.5 cm) 13 mil (100% UPC/EAN): 0.5 – 9.7 in. (1.3 – 24.6 cm) 20 mil (Code 39): 0.5 – 15.2 in. (1.3 – 38.6 cm) PDF417 (10 Mil): 0.9 – 7 in. (2.3 – 17.8 cm) Datamatrix (10 Mil): 1.1 – 7.5 in. (2.8 – 19.1 cm)
Nominal Working Distance: (DC – Document Capture focus)	5 mil (Code 39): 2.5 – 10 in. (6.5 – 25.4 cm) 13 mil (100% UPC/EAN): 0.8 – 16.8 in. (2 – 42.7 cm) 20 mil (Code 39): 0.7 – 28.3 in. (1.8 – 71 cm) PDF417 (10 Mil): 1.9 – 11.8 in. (4.8 – 30 cm) Datamatrix (10 Mil): 2.6 – 12.2 in. (6.6 – 31 cm)
Print Contrast:	25% minimum reflectance
Motion Tolerances:	Horizontal velocity: 5 in. (12.7) cm per second
Interfaces Supported:	DS6707: RS-232C (Standard, Nixdorf, ICL, and Fujitsu); USB (Standard, IBM SurePOS, Macintosh) and Synapse connectivity allows for connectivity to all of the above plus many non-standard interfaces. DS6708: Includes above plus IBM 468x/469x and keyboard wedge

Imaging Characteristics (DS6707 ONLY)

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.	

*Note: Imaging characteristics only apply to the DS6707. The DS6708 does not support image transfer.

User Environment

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
Sealing:	IP43, water and dust resistant
Ambient Light Immunity:	Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting.

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 are also available.
Power Supplies:	Power supplies are available for applications that don't supply power over the host cable.

Warranty

Subject to the terms of Symbol's hardware warranty statement, the DS6707/8 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 Symbol hardware product warranty statement, go to: **http://www.symbol.com/warranty**

About Symbol Technologies

Symbol Technologies, Inc., The Enterprise Mobility Company™, is a recognized worldwide leader in enterprise mobility, delivering products and solutions that capture, move and manage information in real time to and from the point of business activity. Symbol enterprise mobility solutions integrate advanced data capture products, radio frequency identification technology, mobile computing platforms, wireless infrastructure, mobility software and world-class services programs. Symbol enterprise mobility products and solutions are proven to increase workforce productivity, reduce operating costs, drive operational efficiencies and realize competitive advantages for the world's leading companies. More information is available at **www.symbol.com**

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