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 DS6700 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
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 gml)

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: SR - Standard range: 34° V x 43° H
(Vertical x Horizontal)
DC - Document capture: 35° V x 44° H

Roll / Pitch / Yaw: SR - Standard range: 360°, ±65°, ±60°
(Vertical x Horizontal)
DC – Document Capture focus only.

Symbology Decode Capability


PDF417 (and Variants): PDF417, microPDF417 and composite codes

Postal: U.S. Postnet and Planet, U.K., Japan, Australian, and Dutch keyboard wedge

2-D: MaxiCode, DataMatrix (ECC 200), and QR Code

Nominal Working Distance: 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 – 24.8 cm)
20 mil (Code 39): 0.5 – 15.2 in. (1.3 – 38.6 cm)

Range focus: 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: 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)

Capture focus: 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 488x/496x and keyboard wedge

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: Document Sizes: Minimum Distance
(Vertical x Horizontal) (Approximate)
2 1/8 x 3 3/8 in. (5.4 x 8.6 cm) 2.4 in. (6.1 cm)
4 x 5 in. (10.2 x 12.7 cm) 5.7 in. (14.5 cm)
5 x 7 in. (12.7 x 17.8 cm) 8.9 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.

Environmental: Compliant with RoHS directive 2002/95/EC

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 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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