

# DS6600 Series



## DIGITAL SCANNERS

### Capture Data and Images with One Multi-Use Scanning Device

The DS6600 Series from Symbol Technologies provides unmatched performance in the digital scanning of images and two-dimensional (2D) and one-dimensional (1D) bar codes. Built to read bar codes omni-directionally, the DS6600 Series improves productivity for all data capture activities across your enterprise.

For capturing images and bar codes, the DS6608 is ideal. But if image capture and transfer capability is what you need, the DS6607 is perfect for today's applications, such as digital document storage and processing, as well as for image capture applications of the future.

These digital scanners offer true flexibility. With the optional Intellistand, you can automatically switch between hands-free and hand-held scanning without having to scan a programming bar code, saving time and improving efficiency.

### Increase Productivity by Reducing Scanning and Decoding Times

The omni-directional scanning capabilities of the DS6600 Series make the tasks of scanning and decoding simple—just point and shoot. No matter how a bar code is oriented, the DS6600 Series delivers a quick, accurate read. The intuitive, laser-generated aiming pattern indicates the full scanning field for additional scanning and decoding ease, leading to improved productivity. With a wide working range, the DS6600 Series improves throughput in the most challenging data capture environments. More items get scanned with less time spent preparing to scan or rescanning after errors.

### Experience Laser-Like Scanning with the Benefits of Digital

As the supply chain expands, so does the need for tracking more information about each item. By accurately reading 2D and 1D symbologies and capturing images, the DS6600 Series helps you manage mixed-use reading requirements without any add-on devices. Its laser-like read rates and unmatched quality let you capture bar codes quickly, improving overall productivity.



Feature	Benefit
Unmatched decoding performance on 1D and 2D symbologies	Increases productivity by reducing the time it takes to scan/decode
Omni-directional scanning	Increases throughput by eliminating the need to orient bar codes to the scanner
Integrated bar code and image capture	Accurately scans all items with one device
Wide working range	Performs equally well from a distance or close-up
Laser-generated aiming pattern	Enables quick and accurate data capture
Optional Intellistand	Allows instant switching between handheld and hands-free scanning
Sub-second image transfer	Delivers faster capture and transfer of images than competitive products
CCD digital scanning technology	Results in laser-like performance in a digital scanner

### Cost-Effective Digital Scanner Meets Needs of Today and Tomorrow

As scanning requirements continue to change, the DS6600 is built to support those changes. It connects to a range of hosts with a single device, letting you use your current system while allowing for migration in the future—and that protects your investment.

### Service-from-the-Start Support

The DS6600 Series provides accurate and cost-effective code-reading capabilities for retail, light manufacturing, government, healthcare, postal and lottery applications. In addition to advanced data capture technology, Symbol's end-to-end solutions integrate ruggedized mobile computers and scanners, wireless infrastructure, enabling software and high-ROI applications from our business partners. Symbol Enterprise Mobility Services are designed to ensure that every aspect of your mobility solution—from defining your business requirements to ongoing service and support—works seamlessly and at maximum efficiency.

# DS6600 Specification Highlights

When you purchase the DS6600 Series, you are eligible for the Service-from-the-Start (SFS) Bronze package, which is a five-year, prepaid Service Center program offered at a discount if purchased with the equipment. SFS gives you services such as three-day turnaround time, priority response, cosmetic fixes and coverage for normal wear and tear.

No matter what level of service you choose, you can rely on Symbol Technologies for:

- A team with industry experience suited to your business needs
- Symbol-certified and approved parts
- Support services aimed at providing you with maximum uptime

For more information about the DS6600 Series, please contact us at +1.800.722.6234 or +1.631.738.2400 or visit us on the Web at [www.symbol.com/ds6600](http://www.symbol.com/ds6600).

## About Symbol Technologies

Symbol Technologies, Inc., The Enterprise Mobility Company™, manufactures and services enterprise mobility systems, 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 services programs under the Symbol Enterprise Mobility Services brand. Symbol enterprise mobility products and solutions are designed to increase workforce productivity, reduce operating costs, drive operational efficiencies and realize competitive advantages for the world's leading companies.

Physical Characteristics	
Dimensions	6.55 in. H x 2.82 in. W x 4.72 in. D 16.64 cm H x 7.16 cm W x 11.99 cm D
Weight (without cable)	6.04 oz./181.4 gm
Input Voltage	5 volts +/- 10%
Operating Current	250mA (average)
Power Sources	Depending on host: • Host power • External power supply
Color	Cash Register White or Twilight Black
Performance Characteristics	
Light Source	650 nm visible laser diode
Resolution	640 x 480
Minimum Element Width	5 mil/0.127 mm
Nominal Working Distance	From 1 in./2.5 cm to 14 in./35 cm on 100% UPC/EAN symbols
Print Contrast	25% minimum reflective difference
Roll (Tilt) <sup>1</sup>	1 +/- 180 degrees from normal
Pitch <sup>2</sup>	2 +/- 60 degrees from normal
Skew (Yaw) <sup>3</sup>	3 +/- 50 degrees from normal
Decoding Capability	
1D Codes	UPC, EAN, UPC, EAN with Supplementals, UCC, EAN 128, JAN 8 & 13, Code 39, Code 39 Full ASCII, Code 39 Trioptic, Code 128, Code 128 Full ASCII, Codabar (NW7), Interleaved 2 of 5, Discrete 2 of 5, Code 93, MSI, Code 11, Code 32, Bookland EAN, IATA, UCC/EAN RSS and RSS variants
2D Codes	PDF417, microPDF417, MaxiCode, Data Matrix (ECC 2000), Composite Codes, QR Code
Postal Codes	U.S. Postnet, U.S. Planet, U.K. Postal, Japan Postal, Australian Postal, Dutch Postal
Interfaces Supported	RS232, Keyboard Wedge, Wand Emulation, Scanner Emulation, IBM 468X/469X, USB and Synapse
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% relative humidity, noncondensing
Drop Specifications	Multiple 6-foot (1.8 m) drops to concrete
Ambient Light Immunity	Immune to direct exposure to normal office and factory lighting conditions, as well as direct exposure to sunlight
Sunlight	10,000 ft. candles/107,644 LUX
Electrostatic Discharge	Conforms to 15 kV air discharge and 8 kV of contact discharge
Accessories	
	Hands-free Intellistand 20-66483-01, Cash Register White; 20-66483-02, Twilight Black
Regulatory Information	
Electrical Safety	Certified to UL1950, CSA C22.2 No. 950, EN60950/IEC950
Laser Safety	CDRH Class II, IEC Class 2
EMI/RFI	FCC Part 15 Class B, ICES-003 Class B, European Union EMC Directive, Australian SMA

1 Roll (Tilt): Controlled by rotating the wrist clockwise or counterclockwise  
 2 Pitch: Controlled by dropping or raising the wrist  
 3 Skew (Yaw): Controlled by rotating the wrist from left to right or vice versa

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For system, product or services availability and specific information within your country, please contact your local Symbol Technologies office or Business Partner.



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