Zebra DS6700 Series

Handheld digital imager scanner

Capture data and images with single multi-use device

The versatile DS6700 Series delivers the functionality of a 1-D and 2-D 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, 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 1-D, 2-D 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 record-keeping, replacing paper-based files with electronic filing. From medication prescriptions to bills of lading, the high-resolution camera and text-enhancing software work hand-inhand 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 reducestypical management costs. And since even the most intelligent devices require a support plan, Zebra'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, visit www.zebra.com/ds6700 or access our global contact directory at www.zebra.com/contact

DS6700 Series Specifications

FEATURES

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 1 -D, PDF, postal and 2-D 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; futureproof — today’s cradle can connect to tomorrow’s host

360° omni-directional scanning; wide working range, laser aiming pattern

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:	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), QR Code and Aztec
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) **DS6708**: Includes above plus IBM 468x/469x, keyboard wedge and Synapse connectivity.

Note: National Drug Codes (NDC) can be encoded in various symbologies. The DS6708-DL can be programmed to parse these codes using Advanced Data Formatting (ADF) rules.

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.

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 Zebra'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 Zebra hardware product warranty statement, go to: http://www.zebra.com/warranty

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

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) **4 x 6 in. (10.2 x 15.2 cm)** **5 x 7 in. (12.7 x 17.8 cm)** **8 x 11 in. (21.6 x 28 cm)**	2.4 in. (6.1 cm) 5.7 in. (14.5 cm) 6.9 in. (17.5 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**	

SR - STANDARD RANGE FOCUS		
		DEPTH OF FIELD
LABEL DENSITY	**DS6700**	
PAPER LABEL	**ENGLISH**	**METRIC**
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
DC – DOCUMENT CAPTURE FOCUS		
		DEPTH OF FIELD
LABEL DENSITY	**DS6700**	
PAPER LABEL	**ENGLISH**	**METRIC**
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

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