Symbol DS6708-DL

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SPECIFICATION SHEET

Symbol DS6708-DL Series

General Purpose Handheld Digital Imager Scanner

FEATURES

Embedded and server-based parsing agents
Enable users to read the PDF-417 bar code on a US driver's license and use that information for a multitude of applications including auto-population of a credit or loyalty card form, age verification or returns monitoring

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

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

Utilizing driver's license information to increase productivity and reduce liability

The Symbol DS6708-DL combines all the features of Motorola's standard DS6708 imager, such as omni-directional 1D/2D bar code scanning, with embedded and server-based parsing agents that enable users to read the PDF-417 bar code on a US driver's license and use that information for a multitude of applications including auto-population of a credit or loyalty card form, age verification or returns monitoring. With a simple scan of a driver's license, retailers can increase efficiencies, reduce manual keying errors and ensure that they are complying with local, state and federal regulations regarding the sale of certain items such as tobacco and alcohol.

Two solutions, one scanner

Motorola's unique solution offers two parsing options, which are both available in one model. The server-based solution enables retailers to develop an application in a centralized processing environment. The embedded solution appeals to retailers without central services who need a solution that works with multiple interfaces as well as all operating systems and host configurations. Because the parsing is done in the scanner and the output is controlled by the user, the scanner can easily be used in all environments with very little start up effort. And, because there is no additional software or licensing fees, you are up and ready to

go right out of the box. Both the server-based and embedded solutions are available in one model, making it a wise choice for customers of all sizes.

You'll have the latest DMV updates

Because different states use different data formats in their driver's licenses and these formats change from time to time, state by state, the Symbol DS6708-DL by Motorola offers a complete solution that includes yearly updates for new format releases from each state, helping to ensure that your investment is protected from the start.

Traditional scanning and more

The versatile Symbol DS6708-DL from Motorola not only offers PDF-417 reading and parsing capabilities, it also delivers the functionality of a traditional 1D and 2D bar code scanner, enabling you to meet additional data capture needs as required.

An outstanding return on investment

The Symbol DS6708-DL reduces capital and operating expenses by eliminating the need to purchase, manage and support additional devices and separate bar code scanners for different symbologies. Fewer devices to deploy significantly reduce the time and costs associated with training — and positively impacts productivity. The ability to remotely track, deploy and upgrade Symbol DS6708-DL scanners reduces typical management costs.

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

And since even the most intelligent devices require a support plan, Motorola'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 Symbol D6708-DL series can give your enterprise a business advantage, access our global contact directory at www.motorola.com/enterprise/contactus or visit www.motorola.com/ds6708dl

Symbol DS6708-DL Series Specifications

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)	DL: 34° V x 43° H
Roll / Pitch / Yaw:	DL: 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, Code 128, GS1DataBar (formerly UCC/EAN 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:	DS6708: 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; IBM 468x/469x and keyboard wedge

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 Motorola's hardware warranty statement, the Symbol 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 Motorola hardware product warranty statement, go to: http://www.motorola.com/warranty

DS6708-DL

Label Density	Depth of Field	
	DS6708-DL	
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

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