

# SPECIFICATIONS CHART

## PHYSICAL CHARACTERISTICS

Dimensions	6.55 in. H x 5.08 in. L x 2.82 W 16.6 cm H x 12.9 cm L x 7.1 cm W
Weight	7.4 oz/209 g
Power	5 ±10%VDC @ 350 mA
Color	Cash Register White

## PERFORMANCE CHARACTERISTICS

Light Source	Aiming: 650 nm laser diode Illumination: 630 nm LED
Field of View (Vertical x Horizontal)	30° V x 40° H
Roll	0 - 360°
Pitch	± 65° or greater
Yaw	± 60° or greater

## SYMBOLGY DECODE CAPABILITY

1-D	UPC/EAN and with supplementals, Code 39, Code 39 Full ASCII, Tri-optic Code 39, GS1DataBar (formerly RSS), Code 128, Code 128 Full ASCII, GS1-128 (formerly UCC/EAN-128), Code 93, Codabar (NW1), Interleaved 2 of 5, Discrete 2 of 5, MSI, Codell, IATA, Bookland EAN, Code 32
PDF417 (and Variants )	PDF417 and microPDF417
Postal	U.S. Postnet and Planet, U.K., Japan, Australian, Dutch, 4 State Postal, Post US4
2-D	MaxiCode, DataMatrix (ECC 200), QR Code, microQR, Aztec
DPM	Data matrix marks applied by dot peening; laser etch, ink marks, chemical etch, inkjet mold, cast and thermal spray
Nominal Working Distance	See decode zone
Print Contrast	25% minimum reflectance
Motion Tolerances	Horizontal velocity: 5 in. (12.7 cm) per second
Interfaces Supported	USB and RS-232

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

## IMAGING CHARACTERISTICS

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

## USER ENVIRONMENT

Operating Temp.	32° to 122° F/0° to 50° C
Storage Temp.	-40° to 158° F/-40° to 70° C
Humidity	5% to 95%, non-condensing
Drop Spec	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/EECC
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-DP handheld scanner is 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>

## RECOMMENDED SERVICES

Support Services	Service from the Start Advance Exchange Support
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## Integrated viewfinder, 360° omni-directional scanning; laser “bullseye” aiming pattern

Facilitates accurate, first time DPM and bar code capture

## 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 scanner can connect to tomorrow's host

## Optional hands-free Intellistand

Enables presentation scanning and automatic switching between handsfree and handheld modes

## DECODE RANGES

LABEL DENSITY	DEPTH OF FIELD	
	DS6707-DP	
Paper Label	English	Metric
Code 39 - 3 mil	Up to 1.21"	Up to 3.07 cm
Code 39 - 4 mil	Up to 1.83"	Up to 4.65 cm
Code 39 - 5 mil	Up to 1.96"	Up to 4.98 cm
Code 39 - 7.5 mil	Up to 2.96"	Up to 7.52 cm
Code 39 - 10 mil	Up to 3.50"	Up to 8.89 cm
Code 39 - 20 mil	Up to 6.21"	Up to 15.77 cm
100% UPC - 13 mil	Up to 3.59"	Up to 9.12 cm
PDF417 - 6.67 mil	Up to 1.59"	Up to 4.04 cm
PDF417 - 10 mil	Up to 2.21"	Up to 5.61 cm
PDF417 - 15 mil	0.92" - 3.05"	2.34 - 7.75 cm
Data Matrix - 4 mil	Up to 1.00"	Up to 2.54 cm
Data Matrix - 5 mil	Up to 1.29"	Up to 3.28 cm
Data Matrix - 7.5 mil	Up to 1.71"	Up to 4.34 cm
Data Matrix - 10 mil	Up to 2.13"	Up to 5.41 cm
QR Code - 4 mil	Up to 1.00"	Up to 2.54 cm
QR Code - 5 mil	Up to 1.25"	Up to 3.18 cm
QR Code - 7.5 mil	Up to 1.67"	Up to 4.24 cm
QR Code - 10 mil	Up to 2.00"	Up to 5.08 cm