

SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS

Dimensions	Scanner: 7.3 in. H x 3.85 in. L x 2.7 in. W 18.5 cm H x 9.7 cm L x 6.9 cm W CR0078-S Base-mounted vertically: 8.35 in. H x 3.4 in. W x 2 in. D 21.1 cm H x 8.6 cm W x 5 cm D CR0078-S Base-mounted horizontally: 2.0 in. H x 8.35 in. L x 3.4 in. W 5 cm H x 21.1 cm L x 8.6 cm W	
Weight	Scanner: 8.4 oz./238 g (typical) CR0078-S Base: 6.4 oz./183 g (typical)	
Voltage and Current (CR0078-S Base)	<i>Voltage</i>	<i>Typical Current Charging/Non Charging</i>
	5 +/-10% VDC	700 mA/260 mA with external power
	5 +/-10% VDC	490 mA/260 mA with host power through cable
Available Colors	Twilight Black; Cash Register White	

PERFORMANCE CHARACTERISTICS

Light Source	Aiming Pattern: 655 +/- 10 nm laser diode Illumination: 625 +/- 5 nm LED
Field of View	39.2° horizontal, 25.4° vertical
Roll/Pitch/Skew	360°, ±60°, ±60°

SYMBOLGY DECODE CAPABILITY

1-D	UPC/EAN (UPCA/UPCE/UPCE1/EAN-8-EAN-13/JAN-8/JAN13 plus supplementals, ISBN (Bookland), ISSN, Coupon Code, Code 39 (Standard, Full ASCII, UCC/EAN-128, ISBT-128 Concatenated), Code 93, Codabar/NW7, Code 11 (standard, Matrix 2 of 5), MSI Plessey, 12 of 5 (Interleaved 2 of 5 / ITF, Discrete 2 of 5 IATA, Chinese 2 of 5) GS1 Databar (Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacked, Inverse), Base 32 (Italian Pharmacode)
PDF417 (and Variants)	PDF417, microPDF417, Composite Codes (CC-A, CC-B, CC-C)CC-B, CC-C)
Postal	U.S. Postnet and Planet, U.K., Japan, Australian, Netherlands KIX code, Royal Mail 4 State Customer, UPU ICS 4 State Postal, USPS 4CB
2-D	TLC-39, Aztec (Standard, Inverse), MaxiCode, DataMatrix/ECC 200 (Standard, Inverse), QR Code (Standard, Inverse and Micro)
Print Contrast	25% minimum reflectance
Interfaces Supported (CR0078-S Base)	RS-232C (Standard, Nixdorf, ICL, and Fujitsu); USB (Standard, IBM SurePOS, Macintosh), IBM 468x/469x, keyboard wedge and wand emulation; synapse connectivity allows for connectivity to all of the above plus many non-standard interfaces

SECURITY CERTIFICATION

Certified compliant with FIPS 140-2 (requires FIPS configuration scanner and CR0078-P base)

IMAGING CHARACTERISTICS

Graphics Format Support	Images can be exported as Bitmap, JPEG, and TIFF (requires the hands-free presentation cradle)
Image Quality	120 DPI on a 4 in. x 6 in. (10.2 x 15.2 cm) document @ 6.5 in./16.5 cm

USER ENVIRONMENT

Sealing	IP43 (water and dust resistant)
Operating Temperature	32° F to 122° F/0° C to 50° C
Storage Temperature	-40° F to 158° F/-40° C to 70° C
Humidity	5% to 95%, non-condensing
Drop Specifications	Withstands multiple 6 ft./1.8 m 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
Environmental	Compliant with RoHS directive 2002/95/EEC
Radio	Bluetooth™, Class 1, Version 2.1 + EDR, Adaptive Frequency Hopping (enables co-existence with 802.11 wireless networks), serial port & HID profiles; data rate — up to 3 Megabits/sec

ACCESSORIES

Power Supplies	Power supplies are available to support faster charging or for applications that do not supply power over the host cable
Mounting Brackets	Wall-mount bracket

WARRANTY

Subject to the terms of Motorola's hardware warranty statement, the Symbol DS6878-SR is warranted against defects in workmanship and materials for a period of three years from the date of shipment. For the complete Motorola hardware product warranty statement, go to: <http://www.motorola.com/warranty>

RECOMMENDED SERVICES

Customer Services	Service from the Start Advance Exchange Support
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