

**Specifications**

**Dimensions:**

(H x L x W): 1.15 x 2.3 x 2.44 in (2.92 x 5.84 x 6.2 cm)

**Weight:**

3.9 oz (111 g)

**Power Maximum:**

5VDC ± 10% at 450 mA

**Performance Characteristics:**

Sensor resolution 752 (H) x 480 (V) gray scale  
Imager field of view DS457 SR: 39.6° horizontal, 25.7° vertical

Aiming element 655 ±10 nm (VLD)

Illumination element 625 ±5 nm (LED)

**Symbology Decode Capability:**

1D all major 1D bar codes

2D PDF417, DataMatrix, QR Code, Aztec,

Composite Codes and MaxiCode

Postal US Postnet, US Planet, UK Postal, Australian Postal, Japan Postal

**Communications:**

Interfaces Supported 9-Pin male D-sub USB (full speed) and TTL level RS-232 with RTS and CTS

**Operating Temperature:**

-4° F to 122° F (-20° C to 50° C\*) (\*Laser aimer disabled above 113° F /45° C)

Storage Temperature:

-40° F to 158° F (-40° C to 70° C) Storage: 85% RH, non-condensing at 70° C

**Ingress Protection Rating:**

IP54

**Humidity:**

95% RH, non-condensing at 50° C

**Drop Resistance:**

Withstands multiple 30 in (76 cm) drops to concrete

**Image File Formats :**

BMP, TIFF, JPG

**Regulatory:**

Electrical Safety ETL, VDE, CETL, EN60950, Ctick, VCCI

Laser Classification Intended for use in CDRH Class II/ IEC 825 Class I devices

EMI/RFI FCC Part 15 Class B, ICES-003 Class B, CISPR22 Class B

**Warranty:**

Three-year warranty against defects in workmanship and materials



**Standard Features**

- High-speed omnidirectional scan pattern
- Rugged, durable housing
- Sealed to IP54 standards
- Reads 1D and 2D symbols
- Supports 123Scan2 configuration tool
- Enables rapid and easy customized setup through a free, wizard-based PC software tool
- Scans any barcode on paper, mobile phones and computer displays

**Part Number/Price**

Part #	Description	Weight	Price
154077	Motorola DS457-SR (scanner 5VDC ±10% at 450 mA requires power source)	4 oz (111 g)	Consult

**Options/Accessories**

Part #	Description	Price
97479	Cable assembly, DB9F to blunt end, can supply power from scale indicator DI/O	Consult