



510-2D Digital Scanner Specifications

Model	Description	Interface Cable
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5102D-USB	Integrated USB 2-D Digital Bar Code Scanner	C40 USB
5102D-RS-232	RS-232 Serial Interface 2-D Digital Bar Code Scanner	C39C Serial - Connects to T54, T701 and T802

Operational

Light Source	635 nm Illumination LED & 650 nm Aiming Laser
Scan Speed	30 frames/sec Image Capture
Scan Angle	Horizontal 32.2° Vertical 24.5°
Minimum Bar Width	5 mil
Print Contrast	25% minimum reflectance differential
Indicators (LED)	Bi-Color LED Green/Decode - Orange/Scan
Beeper Operation	3 Tones, 3 Volume Levels, plus OFF
Scanner Interfaces	USB HID Keyboard or Serial RS-232
Bar Codes Supported (1D)	Code 39, Full ASCII Code 39, Trioptic Code 39, UPC-A, UPC-E, EAN-13, EAN-8, ISBN, Code 93, Code 11, Standard 2 of 5, Interleaved 2 of 5, Codabar, Code 128, UCC/EAN 128, MSI, Plessey, RSS-14 & RSS Variants
Bar Codes Supported (2D)	PDF414, microPDF417, Data Matrix, Maxicode, QR Code, US Postnet, US Planet, plus UK, Japan, Australian and Dutch Postnet Codes

Physical

Height	5.6" (142mm)
Depth	4.7" (119mm)
Width	3.1" (79mm)
Weight	8.8 oz - 249g
Cables	C40 USB 6' (1800mm) Straight Cable C39C Serial 2'-5' (610mm -1525mm) Coiled Cable

Power

Input Voltage	5VDC ± 10%
Power (nominal)	220mA typical, 460mA peak
Laser Class	CDRH class II / IEC class 1
EMC	FCC part 15 class B

Environmental

Operating Temperature	32°F to 122°F (0°C to 50°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Humidity	5% to 95% non-condensing
Ambient Light Immunity	Sunlight: 10,000 ft. candles - Indoors: 450 ft. candles
Shock	6' drop to concrete
Warranty	2 Years - Parts & Labor

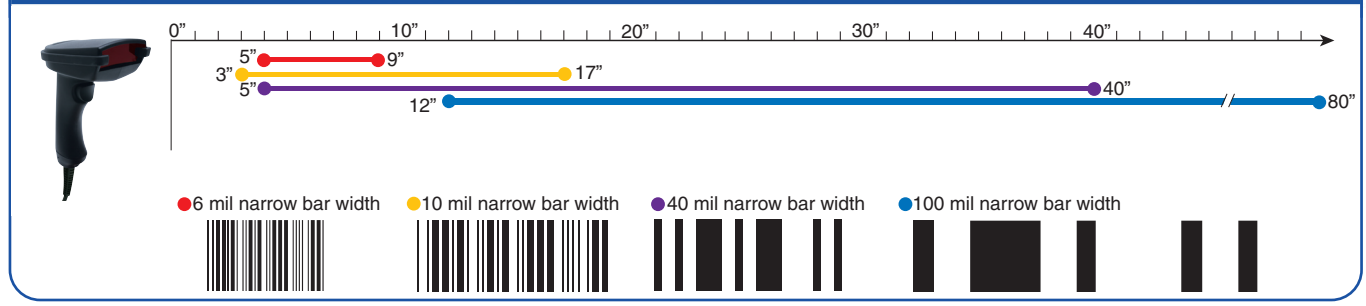


CAUTION
LASER LIGHT WHEN OPEN
DO NOT STARE INTO BEAM
CLASS II LASER PRODUCT
IEC CLASS 2 LASER PRODUCT
680 nm LASER • 1.0 MILLIWATT MAX OUTPUT

COMPLIES WITH US DHS 21 CFR 1040.10 SUBCHAPTER J AND IEC 225-1:1993/EN60825. ACHTUNG LASERSTRAHL. LASERKLASSE 2. NICHT IN DEN STRAHL BLICKEN. LUMIERE LASER - NE PAS REGARDER DANS LE FAISCEAU APPAREIL A LASER DE CLASSE 2.

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Scan Range for 510-2D Digital Scanner



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