

TCS1440

Bar Code Reader



FEATURES

- **Choice of interfaces**

The TCS1440 is available with a wide range of interfaces, including USB, RS-232, wand emulation, and keyboard wedge.

- **Easy triggering**

The reader can operate with a choice of autotrigger or manual triggering. The conveniently placed trigger button is easily used in either hand.

- **Reads all standard linear symbologies**

The reader automatically reads and decodes UPC/EAN, Codabar, Code 39, Code 128, MSI/Plessey, 2 of 5, and I 2 of 5.

- **Tamper resistant**

The TCS1440 has an internally connected cable that is resistant to the curious user, but is easily changed with common tools.

- **Compact size**

The compact design is light weight and easy to hold without causing operator fatigue. Combined with the human engineered shape, this allows continuous use with low risk of repetitive motion injuries.

- **Rugged construction**

The engineering grade molded housing is designed to take years of knocks and bumps. The recessed window is protected from fingerprints and dirt.

- **VIDEO/CCD imager**

The scanning system is functionally identical to a solid state, one line TV camera. There are no moving parts to wear out, break, or need adjustment.

TCS1440 Specifications

PERFORMANCE	Scan rate	100 scans per second
	Resolution	4 mil (0.1mm)
	Detecting element	2160 pixel linear CCD
	Illumination	660nm visible red LEDs
	Scan width	2.8 in. (70mm)
	Depth of field	0 – 1.2 in. (0-30mm)
	Readable bar codes	Code 39, Code 128, 2 of 5, Interleaved 2 of 5, Codabar, MSI/Plessey, and UPC/EAN
	Available interfaces	RS-232, Keyboard Wedge, USB-HID, USB-Serial, Wand Emulation, TTL, CMOS
MECHANICAL	Dimensions	3.0 x 2.0 x 6.7 in. (75 x 51 x 170 mm)
	Weight	4.2 oz (120g) – excludes cable
	Cable	6.6ft (2.0m) straight, fixed to scanner
ELECTRICAL	Power Supply	5VDC +/- 5%
	Current	Stand By: 30mA (In trigger mode) Active: 100mA
DURABILITY	Trigger Switch	1 million actuations
	Cable	100,000 Bends at 90 degree with 18 oz weight
ENVIRONMENTAL	Temperature	Operating: 32°F to 122°F (0°C to 50°C) Storage: 14°F to 140°F (-10°C to 60°C)
	Humidity	Operating: 10% to 80% Storage: 10% to 95%
	Mechanical Shock	Functional after 5ft (1.5m) drops
	ESD Protection	Functional after 15kV discharge

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