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TCS 1400 Series Hand Held Scanners

FEATURES

- **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.

- **Wide range of interfaces**

Available models include interfaces for industrial, commercial, and retail point of sale applications.

- **Ergonomic design**

The easy to hold design allows the user to scan in a wrist neutral position. This design, along with the light weight of the scanner, reduces fatigue and repetitive motion injuries.

- **Triggering options**

The scanner can be operated with a manual trigger, or in the autotrigger mode, providing operational flexibility to the user.

- **Excellent performance**

High resolution CCD imaging and advanced electronics allow the scanners to reliably read poor contrast and soiled symbols.

- **Quick change cable**

Modular design allows for quick and easy cable changes (eg. from RS-232 to keyboard wedge). This allows one bar code reader to be used in multiple environments.



[Technical Information](#)

TechScan Corporation

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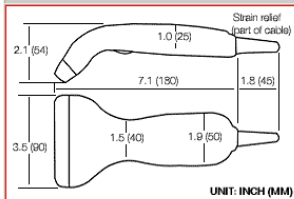
TCS 1400 Hand Held Scanners

TECHNICAL SPECIFICATIONS

Series	TCS 1470				
Model	TCS 1472	TCS 1473	TCS 1475	TCS 1477	TCS 1478
Interface	RS-232	TTL Serial	Wand Emulation	IBM PC XT/AT/PS2	Laser Emulation
Readable bar codes	UPC/EAN, CODE 39, 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, CODABAR, CODE 128, CODE 93, MSI PLESSEY				
Maximum bar code width	3.2 inch (82mm)				
Min. resolution	5 mils. (0.127mm)				
Depth of field	0.6 in. (15mm) TYP.				
Light source	Red LED (wavelength: 660nm)				
Detecting element	2160 Pixel linear CCD				
Scan rate	62 scans/sec				
Readable angle	Forward 10° to backward 30°				
Reading start method	Autotrigger or manual start, menu selectable				
Reading indicator	Beeper and LED				
Voltage requirements	5 VDC +/- 5%				
Power consumption	160mA				
Weight (without cable)	4.9 oz. (140g)				
Cable length	6.6 ft. (2m)				
Dimensions	185 x 89 x 66mm				
Operating temperature	32° F to 104°F (0°C to 50°C)				
Operating humidity	10% to 80% RH, non-condensing				
Drop durability	Unit functions normally after 1.5m (5ft.) drop				

Specifications are subject to change without notice

DIMENSIONS

SOME OF THE KEY FUNCTIONS
SELECTED VIA THE BAR CODE
MENU:

- **Output**
Many variables appropriate for the individual interface are menu selectable.
- **Symbology Variables**
Bar code type, bar code length, etc.
- **Trigger Control**
Manual or auto start
- **Beeper Control**
On/Off
Volume: low/medium/high

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