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TCS 1490 Series Hand Held Scanners

FEATURES

- **Distance reading**
The scanner can read from near touch to 11 inches, depending on symbol characteristics
- **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.
- **Range of interfaces**
Available models include interfaces for industrial, commercial, and retail point of sale applications.
- **Triggering options**
The scanner can be operated with a manual trigger, or in the autotrigger mode, providing operational flexibility to the user.
- **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.
- **Rugged construction**
The scanner is built to withstand industrial and commercial environments. Engineering grade polymers, rugged construction, and strategically placed bumpers make this reader ideal for demanding applications.
- **Holder and stand options**
Holders and presentation stands are available to provide hands-free scanning.



[Technical Information](#)

TechScan Corporation

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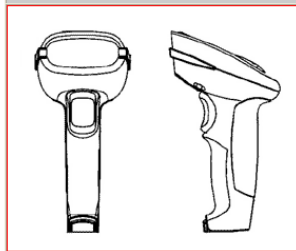
TCS 1490 Hand Held Scanners

TECHNICAL SPECIFICATIONS

| Series | TCS 1490 | | |
|------------------------|--|----------|----------------|
| Model | TCS 1492 | TCS 1494 | TCS 1497 |
| Interface | RS-232 | USB | Keyboard Wedge |
| Readable bar codes | Code 39, CODABAR, 2 of 5, 12 of 5, Code 128, Code 93, UPC/EAN, Plessey | | |
| Maximum bar code width | 5 inches (12.7cm) | | |
| Min. resolution | 5 mil | | |
| Depth of field | 7 inches (18cm) on 10mil Code 39 symbol | | |
| Move tolerance | 10 inch/sec. | | |
| Light source | Visible Red (660nm) LED | | |
| Detecting element | CCD 2160 Pixel | | |
| Minimum PCS value | 30% with 85% white | | |
| Reading start method | Autotrigger or manual start, menu selectable | | |
| Reading indicator | Beeper and LED | | |
| Decoder | Built into scanner | | |
| Voltage requirements | 4.5 to 14 VDC RS-232, Others 5VDC \pm 10% | | |
| Power consumption | 28mA Standby, 90mA Operating | | |
| Weight (without cable) | 160 g (5.6 oz.) | | |
| Cable length | 2 meters (6.8 feet) | | |
| Dimensions | Height: 6.9 in., Width: 3.2 in. | | |
| Operating temperature | 0° to 50°C (32° to 122°) | | |
| Operating humidity | 0% to 95% Relative | | |
| Drop durability | 4 Feet (1.2 m) | | |
| Noise standard | FCC Class A | | |

Specifications are subject to change without notice

External View

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 trigger
- **Beeper Control**
On/Off, Volume:
low/medium/high

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