



# SCANTEAM<sup>®</sup> 2010 Series

## Keyboard Wedge/Decoder

The SCANTEAM<sup>®</sup> 2010 is an economical solution for a wide range of keyboard wedge and serial RS-232 system interface requirements. It is designed to meet the functionality of other "entry level" wedge decoder products, but provides the additional Hand Held Products value of a fully programmable editor/formatter, with Hand Held Products bar code and magnetic stripe decoding. As an added benefit, the scanner input port can accept serial RS-232 data from an external peripheral device

The ST2010 product utilizes FLASH memory for all program and parameter storage. FLASH memory may be reprogrammed in the field by end users or integrators.

The FLASH memory in the ST2010 may be programmed using a bar code menu, or the PC utility, Quick\*Load. Full ST2010 memory downloading is available using an ST2010 to ST2010 memory cloning process, or through the Quick\*Load utility.

The applications for the ST2010 vary from the retail POS environment to the factory floor to the office. When a low cost, high quality wedge/decoder is required, the ST2010 offers the highest value of any product in its class.

### Features & Benefits

#### **Bar Code Input Port**

*Supports wand, CCD and laser input devices to enable error free data entry through the use of bar codes.*

#### **Magnetic Stripe Reader Port**

*Supports all single, dual and triple track magnetic stripe input devices and protocols, including the new AAMVA format for drivers licenses. Increases speed of data entry and creates error free input of encoded data.*

#### **Hand Held Products Bar Code Decoder Software**

*Industry leading Hand Held Products bar code decoding is unsurpassed for speed and accuracy of data input. Supports and autodiscriminates twelve industry standard bar codes for customer ease of use and convenience.*

#### **Keyboard Wedge/RS-232D Host Interfaces**

*Easily configured for keyboard wedge or RS-232D output. Increases the system throughput and ease of use for the customer. For most keyboard wedge applications, existing customer software can be run without system level changes. Output can be customized to fit any application.*

#### **Flash Eprom /Cloning Capability**

*Allows easy software upgrades without the inconvenience of changing conventional PROMS. Protects and extends the customer's investment.*

#### **Data Formatting Capability**

*Powerful data editing and formatting capabilities reduce the need to modify customer software.*

#### **Scanner Port Can Be Used as RS-232D Input**

*Allows the customer to invest in only one device, regardless of whether bar code or serial data from an RS-232 device is input. Simply plug either the bar code or RS-232 input device into the ST2010 scanner port.*

## Performance

<b>Host Interfaces:</b>	Keyboard Wedge: IBM PC, AT, XT, PS/2 and compatibles; most IBM Telex terminals. Serial RS-232.
<b>Input Devices:</b>	All Hand Held Products laser, CCD and wand scanners, ST6901 dual or triple track magnetic stripe reader, RS-232 (input), other industry standard devices.
<b>Data Format:</b>	Full user programming for data edits including multiple formats within symbologies, Mag Stripe Tracks 1, 2, and 3
<b>Programming:</b>	Bar code menu, PC download, clone mode.
<b>Parameter Selections:</b>	Data edit with cursor control; search, insert, delete, locate, fill, truncate and delimiters for all inputs. Terminal type and port, keyboard style and function keys, RS-232 protocol.
<b>Symbologies Decoded:</b>	UPC E, A, EAN/JAN, Codes 3 of 9, 128, I 2 of 5, 2 of 5, Matrix 2 of 5, 11, 93, MSI, Plessey, Codabar.

## Mechanical/Electrical

### Dimensions

<b>Weight:</b>	4 oz. (113.4g)
<b>Length:</b>	3.25 in. (8.3 cm)
<b>Width:</b>	2.88 in. (7.3 cm)
<b>Height:</b>	1.18 in. (3.0 cm)

## Power Requirements

<b>Electrical:</b>	Complies with UL, CSA, and VDE
<b>Power Options:</b>	+5V may be supplied from the terminal through the host interface cable, or from the optional external power supply (required for most RS-232 and some keyboard wedge host interfaces).
<b>Power Requirements:</b>	+5VDC $\pm$ 10% @ 100mA (typical)
<b>Connectors:</b>	Scanner Port: 9 pin D male, squeeze-to-release    Magnetic Stripe Port: 8 pin modular Power: 2 pin Barrel Host I/O: 15 pin D female

## Environmental

<b>Operating:</b>	32°F to 104°F (0°C to 40°C)
<b>Storage:</b>	-40°F to 158°F (-40°C to 70°C)
<b>Humidity:</b>	0% to 95% non-condensing
<b>Mechanical Shock:</b>	Functions normally after twelve 6ft.(1.8cm) drops onto a concrete surface
<b>EMI Radiation:</b>	FCC Class A and *EN55022 Class B (1988)
<b>ESD Sensitivity:</b>	Meets *IEC 801-2: 1991/1984 and a minimum of 300 discharges at 2.5kv intervals from 2.5kv to 17.5kv
<b>Radiated Susceptibility:</b>	Meets *IEC 801-3; 1984
<b>Electrical Fast Transients:</b>	Meets *IEC 801-4; 1988  <i>*These requirements combined with EN50082-1; 1992 indicate conformity to the EMC Directive 89/336/EEC.</i>



Complies with EMC 89/336/EEC and LVD 73/23/EEC

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