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SCANTEAM® 8310 Series
MICR Check Reader

Features

Compact Size - Fits neatly into all transaction installations.

Direct Connect Interfaces - The ST8310 can communicate to a host device using bar code wand emulation, or via serial RS-232.

Optional MSR Port - Allows for the attachment of a 1, 2, or 3 track integrated MSR reader. Includes internal MSR data formatting capability.

Motorized Check Handling and Transport - Motorized paper transport for quick, easy check handling, and a high first pass good read rate.

Flash Memory-Based Firmware - Easy and fast firmware modifications. Allows field program memory upgrades for future enhancements without a "chip change." Fully programmable output data editing capability - not restricted to a limited dip-switch based selection. Supports host download of all parameter and MICR exception table data.

MICR Line Exception Table - Unique parsing instructions for non-standard MICR line data is stored in FLASH memory exception table. MICR exception table may be field updated using MICR programming checks or serial RS-232 download.

E13-B and CMC-7 MICR Font Auto-Discrimination - The ST8310 can read documents encoded with either E-13B or CMC-7 fonts. This feature is useful for installations near international borders where financial documents may be encoded in either font.

The SCANTEAM® 8310 is a reduced feature set member of the SCANTEAM 8300 family of check reader products. All ST8300 products contain FLASH memory which allows for easy firmware upgrades in the field without the need to disassemble the product, and a magnetic read head for MICR data capture.

The SCANTEAM® 8310 contains communications support for traditional PC COM ports for PC-POS applications, many PC and video terminal keyboards in a keyboard wedge mode, as well as support for communications with many credit authorization terminals, including Hypercom™, Data Card™, Verifone Tranz™, and ZON™ series products.

The SCANTEAM® 8310 was developed to specifically help retail and financial systems integrators become more flexible in their data capture capability. The ST8310 can adapt to a variety of applications, giving the integrator the ability to better control fraud, as well as further enhance customer service.

Upgrade your image.

SCANTEAM® 8310 Series Specifications

Performance

Check Reading:	Check Read/Decode/Transmit Time: 2 seconds with 99% first pass good read rate, 99.9% second pass good read rate.
MICR Fonts Supported:	E13-B and CMC-7, autodiscrimination
Interfaces - ST8310-2:	- PC XT, AT, PS/2 keyboard wedge
	- Serial RS-232 (at True RS-232 Signal Levels) Supports RTS/CTS hardware flow control Supports Verifone™ compatible VISA™ protocol
	- Wand Emulation, TTL Signal Level, Code 3 of 9 Format

Data Formats

MICR Output Formats:	Every ST8310 contains a user selectable table of common MICR data output formats.
Data Editor:	The output data can be uniquely edited by the ST8310 data editor to add or delete characters, including prefix and suffix characters
MICR Exception Table:	The parsing rules for non-standard MICR line checks can be added in the field via programming checks, bar code menu, clone memory transfer from another ST8310, and host download.
Options:	Wall mount power packs Host Interface cables ST8310 wall mount kit MICR head cleaning checks MICR programming checks PC Windows™ based programming utility, Quick*Load™

Mechanical/Electrical

Dimensions

Weight:	1.25 lb. (567g)
Height:	4.3 in. (10.9 cm)
Width:	4.08 in. (10.4 cm)
Depth:	5.75 in. (14.6 cm)

Power Requirements

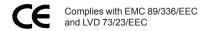|	
Input Voltage:	Regulated +5VDC, +/-10%, 100mV ripple max, or Regulated or unregulated +7 to +13.5 VDC, 500 mV ripple max
Operating Current:	With motor on: 385mA (typical average) With motor off: 125mA (typical)

Environmental

Operating:	+32°F to +122°F (0°C to 50°C)
Storage:	0°F to +140°F (-18°C to 60°C)
Humidity:	95% max, non-condensing
ESD Protection:	8kv discharge w/out degradation in performance 15kv top surface / 10kv bottom surface discharge without permanent damage
Agency Conformance:	FCC Class A

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