SCANTEAM® 8300 Series
MICR Check Reader

Features

Compact Size - Fits neatly into any installation.

Extensive Interface Support - Compatible with hundreds of PC, POS, and teller systems, including IBM 468x/469x, NCR OCIA, Fujitsu OCR and serial RS-232 devices. In many cases, the ST8300 may operate from host power, eliminating the need for an external power supply.

Aggressive Decoding - Internal decoding auto-discriminates E13B and CMC7 MICR fonts, various bar codes, and MSR information while maintaining a reliable high first pass good read rate.

Multiple Inputs - Multiple inputs allows for triple track magnetic stripe data capture, bar code input/decoding, and up to two RS-232 ports for additional peripherals.
Standard: One bar code port
*   One RS-232 port*

Optional: Integrated MSR
*   Second RS-232 port*

Flash Memory - Allows for easy and fast firmware upgrades in the field, without chip changes, extending the life of the product.

The SCANTEAM® 8300 is a magnetic MICR check reader that can adapt to a variety of applications, enabling retail and financial transactions to reduce fraud, increase clerk efficiency, as well as enhance customer service.

In one small footprint, the ST8300 can perform multiple functions: the ST8300 can also read bar code and magnetic stripe information and can be config-ured with up to two RS-232 ports for peripheral devices such as PIN pads, scales, or signature capture devices.

The ST8300 can bring this functionality to virtually any terminal as it connects to hundreds of POS and teller systems through a single host interface port.

In most cases, the ST8300 can be powered by +5 or +12 volt power provided by the host device, eliminat-ing the need for additional bulky power supplies. For future interfaces or updates, the ST8300 contains FLASH memory which allows for easy firmware upgrades in the field without the need to send back or disassemble the product.

The ST8300 comes standard with a two year war-ranty.

Upgrade your image.

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

Data Formatter

General Data Formatter: MSR, bar code, and RS-232 data can be uniquely formatted by the ST8300 before being sent to the host.

MICR Data: Every ST8300 contains a user-selectable table of common MICR data output formats.

MICR Exception Table: The ST8300 includes programmable parsing rules. Parsing rules for new checks can be added in the field.

Options: Second RS-232 Auxilliary Port
Integrated dual or triple track mag stripe card reader

Accessories: Wall Mount Power Pack
Wall Mounting Plate
MICR Programming Checks
MICR Head Cleaning Cards
Mag Stripe Cleaning Cards
PC Windows-based Programming Utility, Quick*Load

Interface

Interfaces Supported: PC type Keyboard Wedges, OCIA, OCR, IBM 468X/469X direct connect, IBM 468X/469X Keyboard Wedge, Wand Emulation, PC Serial RS-232, and DEC VT Series Keyboard Wedge.

Mechanical/Electrical

Dimensions

Height: 3.4 in. (8.71cm)
Width: 4.08 in. (10.4cm)
Depth: 5.75 in. (14.6cm)
Weight: 1.25 lb. (567g)

Power Requirements

Transformer Options: 120 VAC/60Hz input and 9VDC output. UL/CSA safety listed

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

Temperature
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 Immunity: 8KV discharge w/out degradation in performance. 15KV top surface / 10KV bottom surface without permanent damage
Agency Approvals: FCC Class A; CE: complies with EMC 89/336/EEC

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