

# ST8300/ST8310

## Check Reader



- Value-priced check reader
- Financial and retail environments
- Simple and easy-to-use
- Converts checks to electronic transactions
- Reliable and dependable

### Optimized Check Reading

The popular ST8300/ST8310 is a series of value-priced and industry standard check readers. Ideal for financial and retail applications, the check reader easily converts high volume of paper checks into electronic information. An integrated magnetic stripe reader option is available to accommodate card swiping. Easy-to-install and reliable, the ST8300/ST8310 helps control check fraud and enhance customer service.

### Extensive Interfaces

To accommodate current and future point-of-sale and teller technologies, ST8300/ST8310 check readers offer flexible interface options including:

- Traditional PC COM ports
- Keyboard wedge
- USB 1.1
- Support for credit authorization terminals including Hypercom®, Datacard®, and VeriFone® TRANZ® and ZON®

Auxiliary ports are also available to connect other peripherals such as barcode scanners, magnetic stripe readers or small printers.

### Industry Design Standard

Minimal space is needed on the counter for the ST8300/ST8310. It can be placed next to a PC or electronic cash register for ready access. In many environments, the ST8300/ST8310 can also be powered by the host device via USB, eliminating the need for an additional bulky power supply.

Flash memory allows for easy firmware upgrades in the field without the need to disassemble the check reader. A magnetic read head allows for accurate MICR data capture. Available in the colors of beige or black, the check reader complements existing hardware.

With the ST8300/ST8310, users can easily scan paper checks and achieve a successful first pass good read rate. In an environment where large volumes of checks are present, the ST8300/ST8310 can provide a quick return on investment.



## SPECIFICATIONS

<b>PERFORMANCE</b>	
Check Reading	Check Read/Decode/Transmit Time: 2 seconds with 99% first pass good rate, 99.9% second pass good read rate
MICR Fonts	Supported E-13B and CMC-7, auto discrimination
<b>MECHANICAL</b>	
Weight	1.25 lb. (567 g)
Dimensions	H 3.40 in. (8.71 cm) x W 4.08 in. (10.4 cm) x D 5.75 in. (14.6 cm)
<b>ENVIRONMENTAL</b>	
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 performance 15kv top surface/ 10kv bottom surface discharge without permanent damage
<b>INTERFACE</b>	
<b>ST8300</b>	OCIA, IBM®/Fujitsu® OCR, PC keyboard wedge, USB 1.1 HID, legacy IBM® and Wyse® POS, IBM® 4683/4693, RS-232 Optional two (2) RS-232 auxiliary ports
<b>POWER REQUIREMENTS</b>	
Power Supply	120VAC/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, 500mV ripple max
Operating Current	With motor on: 385mA (typical average) With motor off; 125mA (typical)
<b>AGENCY</b>	
	FCC Class A; CE: complies with EMC 89/93/EEC, LVD 73/23/EEC and RoHS
<b>DATA FORMATS</b>	
General Data Formatter	MSR, bar code and RS-232 data can be uniquely formatted before being sent to the host
Data Editor	Output data can be edited to add or delete characters including prefix and suffix
MICR Data	User selectable table of common MICR data output formats
MICR Exception Table	Field programmable parsing rules for new checks
Options	Integrated dual or triple track magnetic stripe reader
<b>ACCESSORIES</b>	
	Power adapter Host interface cables MICR head cleaning checks MICR programming checks PC Windows™ based programming utility, Quick*Load™ Black or beige color



In addition to reading checks, the ST8300/ST8310 has an optional triple track magnetic stripe reader.

## FEATURES AND BENEFITS

### In the Field Changes

The ST8300/ST8310 allows for easy and fast firmware modifications in the field downloaded through a point-of-sale or teller system. To accommodate emerging check technologies, the ST8300/ST8310 supports host download of all parameter and MICR exception table data.

### International Applications

The ST8300/ST8310 can be used worldwide for financial documents. With its auto-discrimination feature, the check reader can accurately read documents with E-13B or CMC-7 MICR fonts.

### Successful Read Rates

Designed for reliability, the ST8300/ST8310's motorized paper transport handles checks easily and quickly. The check reader has above average industry standard success rates for first pass good reads. Deployed around the world, the ST8300/ST8310 successfully converts paper checks to electronic transactions for processing.

## About UIC

Uniform Industrial Corporation (UIC) has been a leader in electronic commerce and data collection components and products for Banking, Retail, Access Control, Lead Capture and Auto-ID solutions since its inception in 1983. UIC designs, develops and manufactures easy-to-use products that combine affordability and reliability with high quality and performance.

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