Accessories

FastScan

Integrated barcode and proximity solution

FastScan™ is a factory-installed barcode and proximity solution designed exclusively for use with Fastlane® optical turnstiles. It easily integrates with the access control system to simplify visitor management and streamline pedestrian flow into the building. IP-enabled turnstiles.

Barcode technology

FastScan combines a micro barcode scanner mounted to a machined, aluminum assembly, a proximity card reader, and a Wiegand data translator that neatly fits the available space inside the turnstile.

The micro barcode scanner employs a CMOS sensor with advanced imaging technology and integrated illumination to aggressively detect and read presented barcodes.

Proximity reader

FastScan accommodates many popular proximity readers such as HID Thin Line II, RP40, RP15, R30, and others. Smarter Security works with clients to ensure their reader choice fits.

By pairing the outputs of both readers together, FastScan appears to be a single reader to the access control system. This simplifies installation and user management.

Operation

FastScan can be mounted inside a Fastlane turnstile in the end panel or in the top behind a decorative reader window, slotted glass, or Corian. Visitors present their cards to the beam window or insert them in the slot, and building tenants present their proximity cards to main part of the window to be authenticated.

All building entrants are processed quickly on the same system, which simplifies installation, enhances aesthetics, and streamlines pedestrian entry into the building.

Faster visitor throughput

- Reads barcodes quickly and accurately
- Intuitive presentation of visitor badge
- Wide viewing angle and high-quality LED illumination

Flexible

- Works with any visitor management system software
- Accepts different barcode symbologies, such as Code 39, UPC, Code 128 and QR
- Works with multiple proximity readers

Easy to install and own

- Readers are pre-positioned to work effectively
- Single Wiegand signal is easier to wire
- Seamless integration of proximity and barcode readers

EASY

Easy installation

- Single Wiegand signal is easier to wire

INTEGRATED

Offered across the Fastlane range

- Provides seamless integration on top or side.

FAST

Reads barcodes quickly and accurately

- Wide viewing angle

FLEXIBLE

Works with any visitor management system software

- Accepts different barcode symbologies

Intelligent design

FastScan is available in two models. The TI incorporates visitor card guides that precisely position the card to the scanner for fast and accurate reads. The system also utilizes a proprietary image reflector to allow cards printed on a single side to be read either way they are inserted. This design minimizes visitor acceptance issues.

The PS has an obvious lit area to define where the QR code to be read should be presented and at what angle. The angle of the reader is such that a user can still see the phone screen when presenting the QR code for reading. This helps in case the screen has rotated or gone dark in a power-saving mode.

MODEL COMPARISON

	TI	PS
Reads 1D barcodes	Yes	Yes
Reads QR and 2D barcodes	No	Yes
Capable of reading from phones	Yes	Yes
Placement in pedestal*	Top or front	Front

* For some Fastlane models, the top is the only option, meaning only the TI model will work.

FastScan Cardstock

Smarter Security® provides FastScan Cardstock, which is factory-recommended and is designed for optimal performance with FastScan and common badge printers. Features include:

- Fan-folded and perforated with timing mark
- Pre-slotted to accommodate most badge clips
- Dimensions of 2.5” x 3.75”

A starter quantity of FastScan Cardstock comes with each order of FastScan.

TECHNICAL SPECIFICATIONS

Operational

- External connections 4wire: +12 V DC, GND, D0,D1
- Card widths accepted: 2.0” - 2.75”
- User selectable Wiegand data bit output

Electrical

- Input voltage: 11.75 - 14.0 V DC
- Current required: 500 mA

FastScan cardstock

- Width: 2.5” (63.5 mm)
- Length: 3.75” (95.3 mm)

Scanner

- Scan pattern area image: 838 x 640 pixel array
- Motion tolerance: >106”/sec (270 cm/sec) at focal point
- Scan angle: Horizontal: 42.2° Vertical: 33°
- Print contrast: 20% minimum reflective difference
- Decode capability reads: standard 1D, PDF, QR, UPC, EAN, 2/5 and GS1

Performance may be impacted by barcode quality and environmental conditions.

Enviromental

- Operating temperature: 32°F - 104°F (0°C - 40°C)
- Storage temperature: -4°F - 158°F (-20°C - 70°C)
- Humidity: 0% - 95% relative humidity, noncondensing

* Due to continuous improvements, specifications are subject to change without prior notice.