TripTick® ATR200 Barcode Reader

State-of-the-art OEM reader designed to read 1D/2D barcodes from phones, tablets, wearables and paper in any orientation.
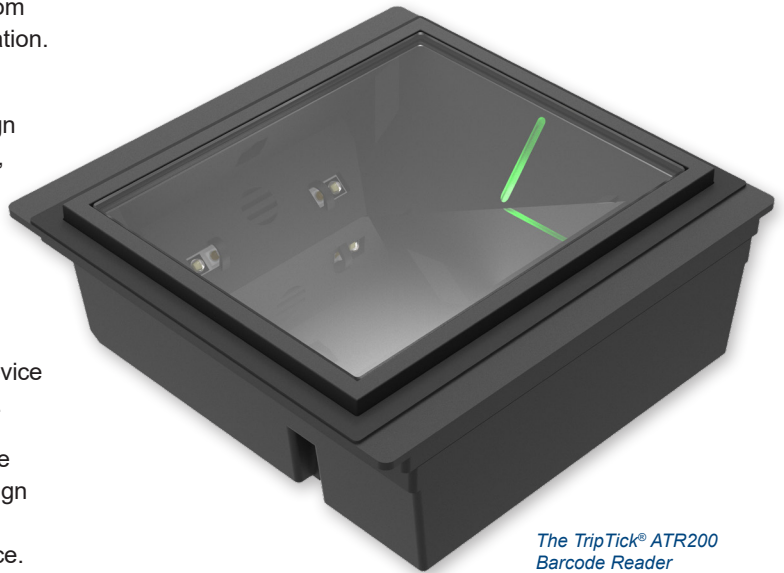
The state-of-the-art TripTick® reader is one of a series of readers and is designed to read 1D/2D barcodes from phones, tablets, wearables and paper in any orientation.

TripTick offers integrators the ultimate no-nonsense installation. Its small footprint, low profile slot-in design enables easy integration into kiosks, ticket machines, turnstiles and access gates. Furthermore, its rugged water-resistant construction with no moving parts, enables it to withstand years of indoor and outdoor public access use.

An option for Power over Ethernet (PoE) allows installation without a dedicated power supply. The device is also capable of RS422 connection at up to 1500m.

TripTick retains the key aspects of the size and shape of the proven LSR116/118 products, however its design delivers a significantly increased active scan area to improve even further, its barcode reading performance.

TripTick's optimised imaging ensures read reliability and high-speed performance; capturing and decoding all popular linear, PDF417 and 2D symbologies.

The TripTick® ATR200 Barcode Reader

Features

- Low profile design: Only 36.9mm high
- Front face sealed for integration into indoor or outdoor kiosks, podiums and gates
- Optimised focal distance design improves read performance for all paper and electronic media
- Reads 2D, PDF417 and linear symbologies
- Single cable connection to host computer
- USB (HID, serial or keyboard), RS232, RS485, Ethernet interface options
- Option for Power over Ethernet (PoE)
- Access UltraGlass® option for extreme environments.

Applications

- Self-service kiosks and ticket vending machines
- Access control gates and turnstiles for stadia, building access and transportation
- Retail voucher redemption and loyalty cards
- Car park ticket machines and automatic barriers
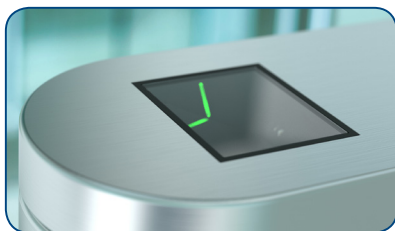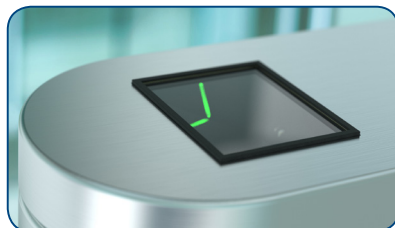- Casino and TITO gaming machines.

Options

Flush Bezel

The flush bezel option means that when installed, the reader is completely flush with the surface around it, allowing a smooth and fluid movement across the reader regardless of the media.

Access UltraGlass®

For environments with highly abrasive elements, such as sand and grit, our innovative UltraGlass will significantly enhance scratch-resistance.
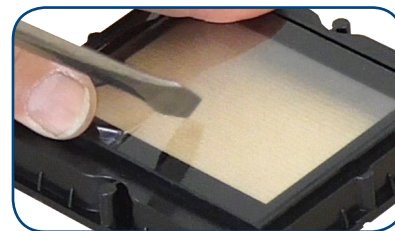
Raised Bezel

A raised bezel can be specified to provide a 2mm raised lip above the glass. A raised lip can help direct users to the active area of the reader.

Specifications

Barcode symbologies read

Linear: EAN. UPC, Code 2 of 5, Interleaved 2 of 5, IATA 2 of 5, Code 39, Code 128

2D: PDF417, Aztec, DataMatrix and QR codes

Media types read: Smartphone/tablet/ smartwatch displays & paper tickets

Interface

USB composite device, with:

- HID, CDC Serial or Keyboard interface for barcode reading

- Serial device (RS232/RS422/RS485)

- Ethernet

- PoE (Power Over Ethernet)

Mechanical/electrical

Dimensions: (LxWxH)
103.1 x 106.3 x 36.9 mm *(Flush bezel)*

Weight: 250g

Power:

- ATR200 (USB): Via USB

- All other variants: Via ext. 5v PSU

Body: Black ABS

Glass: 4mm Toughened White Soda Lime; BS EN60068-2-75 & IEC 62262:2002, rated to 3.5J impact

MTBF: 250,000 hours

Environmental

Temperature:

Operating -20C to +60°C
Storage -30°C to +80°C

Humidity: 95% RH, non-condensing

Approvals

EMC Approvals: FCC 47CFR Part 15 Subpart B Class A, EN 55032 Class B, EN 55024

Safety: IEC 62471: 2006
EN 60950-1:2006+A12:2011

Ingress: Front Face ONLY - IP67 certified to BS EN 60529:1992

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