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.

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.

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 -20°C 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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