

HID TripTick™ 220

Barcode, NFC & cEMV Reader



ONE READER FOR ANY TICKET

The state-of-the-art TripTick 220 barcode and NFC/RFID reader includes contactless EMV payment capability. The TripTick 220 offers (EMV) Level 2 certification, allowing for applications where contactless payments are required. It offers PCI and SRED compliance for contactless payments using VISA, MasterCard, AMEX, JCB, Discover and Interac schemes. (View the TripTick 220 certification or visit the PCI website).

In addition, it also offers the reading of 1D/2D barcodes and RFID/NFC tickets and tokens from mobile phones, tablets, wearables, contactless cards and paper in any orientation.

SIMPLE INSTALLATION

The TripTick 220's compact, low-profile design integrates easily into kiosks, ticket machines, turnstiles, and access gates. Its rugged, water-resistant construction with no moving parts delivers reliable performance for years of indoor and outdoor public use.

PROVEN DESIGN

TripTick 220 retains the proven size and shape of our LSR116 and LSR118 products with a significantly increased active scan area for improved barcode reading performance.

ADVANCED IMAGING

Optimized imaging technology ensures reliable, high-speed capture and decoding of all linear, PDF417 and 2D barcode symbologies.

APPLICATIONS

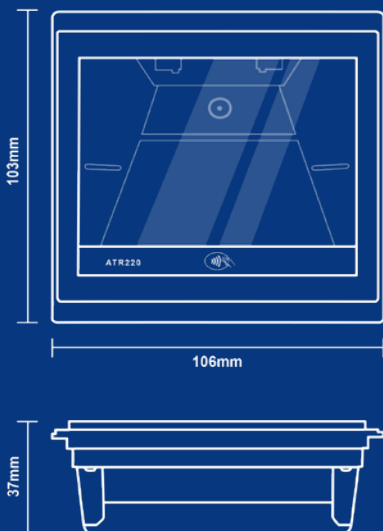
- Ticket validation for public transport, car parking, stadia and events
- Financial and other self-service kiosks
- Retail POS terminals
- Casino and TITO gaming machines



FEATURES:

- **Contactless Payments** - Works with all popular contactless cards & is cEMV - L2 Certification (VISA, MasterCard, AMEX, JCB, Discover, Interac) & The PCI Security Standards Council (PCI) Secure Reading and Exchange of Data (SRED) - V6.x
- **Barcode Reading** - Reads 2D, PDF417 and linear barcode symbologies
- **Low Profile** - Only 37mm high
- **IP67 Sealed** - Front face sealed for integration into indoor/outdoor kiosks & gates
- **Reads Any Media** - Optimized focal distance design improves read performance for all media
- **Designed for Frontline Use** - LED user feedback for intuitive use and uprated UltraGlass® for extreme environments
- **Connection Options** - USB (HID, serial or keyboard), RS232 interface options

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FEATURES

Connection Types

- USB
- RS232

Technology

- cEMV
- NFC / RFID
- QR/Barcode

[Learn more >>](#)

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	READING CAPABILITIES
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
Contactless Reader	Supported media: ISO14443 type A and B cards (Java cards); max baud 424K (extendable to 848K) MIFARE Ultralight (UL-C, UL-EV1), MIFARE DESFire, MIFARE Plus, MIFARE Classic, MIFARE SmartMX Operating frequency: 13.56 MHz Operating distance: 40 mm
Contactless Payments	Integrated EMV L2 Payment Kernels with Level 2 Certification (VISA, MasterCard, AMEX, JCB, Discover, Interac) PCI SRED - V6.x
	ELECTRONIC
Power Supply	Via ext. 5V PSU
Interface	USB composite device, with: HID, CDC Serial or Keyboard interface for barcode reading CCID PC/SC interface for NFC Serial device, with barcode, NFC reader as separate devices (RS232)
	PHYSICAL
Dimensions	4 x 4 x 1 in (106 x 103 x 37 mm) (Without SAM option)
Weight	8 oz. (250g) (Without SAM option)
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
	THERMAL (AIR)
Temperature	Operating -4°F to 140°F (-20°C to 60°C)
Storage	-22°F to 176°F (-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 55035 Radio: FCC Part 15 Subpart C, CE: EN 301 489-1 v2.2.0, CE: EN 300-330 v2.1.1 Safety: IEC 62471: 2006, IEC 62368-1 Ingress: IP54 certified to BS EN 60529 Front Face ONLY - Tested to IPx7 Payment: EMV-L1, EMV-L2, PCI, TQM



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