

ATR210 - TripTick®

Barcode & RFID/NFC Reader



ONE READER FOR ANY TICKET

The state-of-the-art TripTick® ATR210 reader is designed to read RFID/NFC tickets or tokens and 1D/2D barcodes and QR codes from mobile phones, tablets, wearables, contactless cards and paper in any orientation. TripTick offers an especially intuitive and quick interface for data reading and writing. It works with all popular contactless cards — including Mifare® (Classic®, Ultralight®, DESfire®, Plus) and Calypso®.

NO-NONSENSE INSTALLATION

TripTick offers operators 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

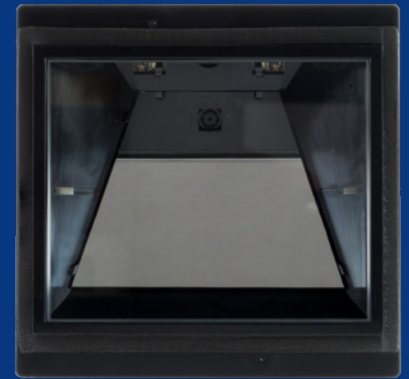
with no moving parts, enables it to withstand years of indoor and outdoor public access use. An option for Power over Ethernet (PoE) allows installation without a dedicated power supply. The device is also capable of RS422 connection at up to 1500m.

PROVEN HERITAGE

TripTick retains the key aspects of the size and shape of our proven LSR116 and LSR118 products, however its design delivers a significantly increased active scan area to further improve its barcode reading performance. TripTick's optimized imaging ensures read reliability and high-speed performance capturing and decoding all popular linear, PDF417 and 2D symbologies.

APPLICATIONS

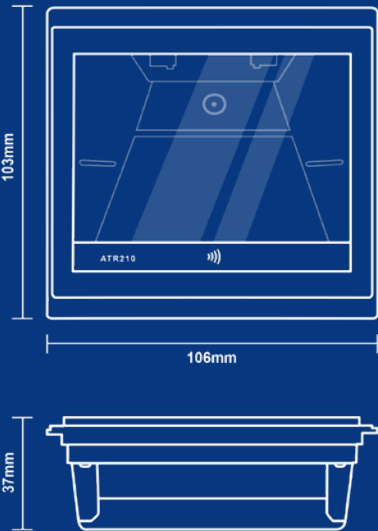
- Self-service kiosks and ticket vending machines
- Access control gates & turnstiles for stadia, building access & transportation
- Retail voucher redemption and loyalty cards
- Car park ticket machines and automatic barriers
- Casino & TITO gaming



FEATURES:






- Contactless Capability - Works with all popular contactless cards
- Barcode Reading - Reads 2D, PDF417 and linear symbologies
- IP67 Sealed - Front face sealed for integration into indoor or outdoor kiosks and gates
- Reads Any Media - Optimized focal distance design improves read performance for all media
- Low Profile - Only 36.9mm high with a single cable connection to host computer
- Connection Options - USB (HID, serial or keyboard), RS232, RS485, Ethernet interface options
- Power Over Ethernet - Option for Power over Ethernet (PoE)
- UltraGlass® - Uprated glass option for extreme environments

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FEATURES

Connection Types

-  USB
-  Ethernet
-  RS232
-  RS485
-  Power over Ethernet

Technology

-  QR/Barcode
-  NFC / RFID

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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
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/RS422/RS485) Ethernet PoE (Power Over Ethernet)
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 55024 Radio: FCC Part 15 Subpart C, CE: EN 301 489-1 v1.8.1 (2008-04), CE: EN 302 291-1 v1.1.1 (2005-07) Safety: IEC 62471: 2006, EN 60950-1:2006+A12:2011 Ingress: Front Face ONLY - IP67 certified to BS EN 60529:1992	

To learn more, please contact us at: access-is@hidglobal.com



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