

HID VAL150

Barcode, NFC and cEMV Platform Ticket Validator

This weatherproof, open-architecture ticket validator integrates a multimedia ticket reader with a flexible Linux computer, delivering unmatched compatibility with third-party software for public transportation automatic fare collection systems.

SEAMLESS VALIDATION, ANY MEDIUM

Say goodbye to rider confusion. The VAL150 validator simplifies the process by combining barcode and NFC/RFID reading into a single user-friendly interface. Whether passengers present paper tickets, smartcards, credit and debit cards or mobile wallets, the validator ensures seamless validation.

This unified and robust functionality, also experienced by riders on mass transit vehicles with the VAL100, results in faster boarding and delighted customers.

CONTACTLESS EMV PAYMENTS

The VAL150, when fitted with the HID TripTick™ 220, is available with 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, Interac and Discover payment schemes.

SIMPLE CONNECTION

The VAL150 can be connected via Ethernet or optionally may be used wirelessly through a mobile network.

APPLICATIONS

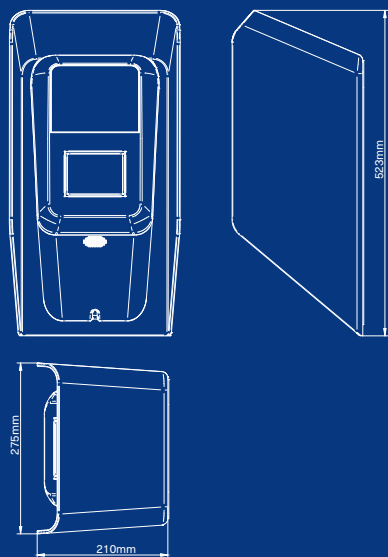
- Light Rail & Metro Platforms
- Bus Terminals
- Coach Parks
- Ferries and Ferry Terminals



FEATURES:

- **Robust, Weatherproof Design:** Engineered for long-term, hassle-free ownership and continuous operation in public settings, no matter the elements.
- **User-friendly Display:** Large, clear TFT LCD color screen with clear audio feedback
- **Intuitive Interface:** Single point of presentation for QR/barcodes, NFC/RFID tickets and contactless payments

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FEATURES

Connection Types

- USB
- Ethernet
- Cellular*

Technology

- cEMV*
- NFC / RFID
- QR/Barcode

* Optional

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HID VAL150

	READING CAPABILITIES
Barcode Symbolologies Read	Linear: EAN, UPC, Code 2 of 5, Interleaved 2 of 5, IATA 2 of 5, Code 39, Code 128 2D: IATA resolution 792, 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: 2 in (40 mm) SAM Slots x 4: Optional
Contactless Payments	Reads NFC-enabled mobile phones and contactless smart and banking cards EMV Level 1 and Level 2. PCI-SRED 5.1 compliant, 4 SAM slots NFC tags supported: MIFARE 1K/4K Classic tags, MIFARE UL, MIFARE Plus, ISO14443-4 Type A, ISO14443-4 Type B, HID iClass tags (only CSN read supported), NXP iCode tags, Apple pay/VAS Payment Schemes supported: VISA, MasterCard, Discover, American Express, Interac
	ELECTRONIC
Power Supply	Universal AC input / full range up to 305 V AC
Communications & Host	Communication: 3G*/4G*/GPRS* (*Optional) Connection: USB, Ethernet Host: Dual core 1GHz 1GB RAM, 32GB memory with 128GB optional upgrade, Linux OS, full API, and device access for developers Sound: Speaker with digital control for audio playback
	PHYSICAL
Dimensions	11 x 21 x 8 in (275 x 523 x 210 mm)
Weight	13 lbs (6 kg)
Body	Polycarbonate
Display	4.3", 480 x 272 pixel, widescreen, sunlight-readable
Glass	Toughened White Soda Lime; BS EN60068-2-75 & IEC 62262:2002, rated to 10J impact
	THERMAL (AIR)
Operating Temperature	-22°F to 140°F (-30°C to 60°C) at 0-90%, non-condensing
Storage Temperature	-40°F to 140°F (-40°C to 60°C) at 0-90%, non-condensing 140°F to 158°F (60°C to 70°C) at 0-50%, non-condensing
	APPROVALS
EMC	FCC 47CFR Part 15 Subpart B Class A; EN 301 489-1, EN 301 489-3, EN301 489-17
Radio	FCC 47CFR Part 15 Subpart C; ETSI EN 300 330, EN 300 328
Safety	IEC 62368-1; EC 62471 (LED Safety) Exempt Risk Group
Ingress	IP55
Impact	IK09



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