

Multi-support Boarding Pass Reader



IER 602

BARCODE AND NFC/RFID READER
STANDALONE BOARDING PASS AUTHENTICATION



BENEFITS

- Advanced detection technology for very fast reading on mobile devices, Print@home (e-ticket), ATB format
- RFID HF contactless card reading feature
- NFC Peer-to-Peer mode
- Large TFT-LCD color screen to display AEA messages, pictures and videos
- Integrated Green/Red LEDs for easy boarding
- Extra-loud audio buzzer
- Compact design for minimal counter occupation
- Embedded Linux platform for value added applications: Biometrics, Cryptographics ...)
- AEA 2011 compliant
- CUPPS and CUSS compliant with all existing platforms
- IP, USB host & device, and serial interface included
- Configuration, diagnostics and monitoring via web browser
- Connectivity and management capability of external devices: receipt printer, biometrics devices

DESCRIPTION

The IER 602 is a flatbed barcode and RFID-NFC boarding pass reader. The high performance technology provides efficient and fast reading of any type of physical support.

The Linux based IER 602 standalone functionality provides boarding pass authentication capabilities including public and private key encryption. It enables the control of devices such as fingerprint readers and the reconciliation, as well as the connection of a receipt printer.

PRODUCT SPECIFICATIONS

Supported protocol	AEA 2011 compliant
Supported media	All barcode symbologies and HF RF chip can be read from paper, PDA and cell phone
Barcode	Omnidirectional reading
Symbologies	All 1D and 2D barcodes including PDF417, Datamatrix, Aztec and QR code
Performance	Less than 0.5s read capability
Scanning window (w x h)	80 x 60 mm (3.15" x 2.36")
Graphical user interface	3.5" TFT-LCD display (360° viewing angle for passenger and agent) 320 x 240 pixel resolution - 262,000 colors
Visible & audible signals	Wide green and red led indicator Extra-loud audio buzzer
Connectivity	2 x RS232 + 1 x USB device + Ethernet 2 x USB host dedicated for maintenance purposes + external peripherals
Near field communication (NFC)	NFCIP-1 and ISO 18092 compliant Supports peer-to-peer communication mode Data exchange speed up to 424 kbps
Radio frequency identification (RFID)	ISO 14443 A/B compliant Supports Mifare, Mifare DesFire (software based), Mifare Plus, Felica Reads, writes and searches 13.56 MHz HF RFID tags
Read/write range	Up to 2 cm (1.5") for NFC Up to 4 cm (2.0") for 14443 A/B
Dimensions (w x d x h)	140 x 230 x 124 mm (5.5" x 9.1" x 4.9")
Weight	1.5 kg (3.3 lbs)
Power	External adapter 110V-220V and 24V
Operating temperature	+5°C to +40°C (20% to 80%, non condensing) (41°F to 104°F) Storage -20°C to 60°C (-4°F to 104°F)
Reliability	
Reader life	10 years
MTBF	44,000 hours
Agency approvals	CE, CB, cTUVus, FCC
Warranty	1 year standard

PRODUCT ACCESSORIES

Designation	Light weight direct thermal receipt printer
Model	Citizen CT-S2000
Reference	T150561

