



Extending the **Self-Service Experience**



IER 602

FULL 2D BARCODE & NFC COMBO READER
TO ENHANCE THE PASSENGER SELF-SERVICE EXPERIENCE



BENEFITS

- Oversized barcode scanning window & very fast reading performance
- Advanced detection technology for faster reading performance on PDA, mobile devices, Print@home (E-ticket)
- Legacy support for thermal ATB boarding pass with 1D / 2D barcode
- RFID HF contactless card reading capability
- NFC Peer-to-Peer mode compatibility
- Large TFT-LCD color screen to display AEA messages, pictures and videos
- Crisp Green/Red Led signals integrated on top of the reader for easy boarding operation
- Clear audio buzzer
- Next generation design, small and compact to adapt to any environment
- Embedded Linux OS for future added value applications (Biometry, Cryptographic API...)
- Supports AEA 2008 & AEA 2009 protocols
- CUPPS and CUSS compliant with all existing platforms
- IP, USB host & Device, and serial interface standard
- External device management capability for receipt printer and fingerprint reader


DESCRIPTION

The IER 602 is the advanced, versatile scanner that takes your airport or airline operation into the next generation of passenger processing. By incorporating flat bed multi-format barcode reading with RFID and NFC reading technology into a scanner with a bright active LCD display, IER delivers the ideal product for reading mobile devices and enabling passenger self-scanning.

PRODUCT SPECIFICATIONS

Supported protocol	AEA 2008, AEA 2009
Supported media	All barcode symbologies and HF RF chip can be read from paper, PDA and cell phone
Barcode	Omnidirectionnal 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 Clear 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

