

## OPEN PAYMENT, COMPACT AND RELIABLE

- Accepts contactless media including EMV bank card for Open Payment
- Small form factor
- Reliable design based on large volume experience from the field



TRANSCITY™

## BV600: VALIDATOR PRODUCT LINE



# BV600

## Validator product line

Built on a powerful and modular ARM hardware platform, BV600 is able to run a variety of fare collection schemes (check-in and check-out, flat fare and t-purse). It contains large capacity of transaction storage: up to 256 MB DDR and 512 MB Flash with expandable micro SD slot.

Easy to use, BV600 is also easy to install. After fixing the mounting plate, the validator is plugged and locked with a single key. A tag located in the plate identifies the validator and allows for automatic configuration.

Based on a known and reliable design, BV600 takes advantages of large volume deployment of the previous generations and thus provides an optimal value for money proposition.

### USER INTERFACE

- 4.3" TFT color screen
- loudspeaker 80dBA at 1m
- 1 multi-color LED
- 4 sensitive buttons

### FARE MEDIA INTERFACE

- Built in reader based on Thales OR500, NFC, ISO14443 Type A, B & B', Sony Felica EMV Level 1 compliant
- Validation spot: diameter circle of 120 mm
- Transaction speed: less than 250ms (depending on media type)
- SAM slots: 4
- Barcode reader 1D code 128, UCC/EAN128, codabar and 2D Data Matrix, PDF417, Micro PDF417, QR, Aztec

### COMMUNICATION INTERFACE

- 6x I/O, RS232
- 2x Ethernet 10/100 (Daisy chain)
- Optional Bluetooth® Low Energy
- Optional 3G/GPRS

### ELECTRONICS

- ARM Cortex A5 processor, 500 MHz / + Cortex M4 167 MHz
- 256 MB DDR3 RAM, 512 MB Flash expandable through micro SD slot
- Linux Operating System

### PHYSICAL CHARACTERISTICS

- Power supply: +12 Vdc to +32 Vdc / 24 Vdc nom
- Protection Index IP54 / IK10
- Operation range: -20°C to +55°C.

### BV6 0 0 Product Line

#### Option Set

0. No option
1. Barcode reader
2. BLE
3. Barcode reader + BLE
4. 3G
5. Barcode reader + 3G
6. BLE + 3G
7. Barcode reader + BLE + 3G
8. Reserved
9. Reserved

#### User Interface Type

1. Reserved for accessories (ie fixing plates)
2. Reserved
3. Colored 4.3" TFT screen
4. Reserved
5. Reserved
6. Colored 4.3" TFT screen + buttons
7. to 9. Reserved

