



## Xpedition Inspector by Transway

The Xpedition Inspector 4020 is a handheld and manual device used by inspectors for enforcing passengers to comply with validation procedures and protocols. It is a part of the TapNGo integrated management and control system from Transway.

### AT A GLANCE

- ✓ Provides quick inspection capabilities and flexibility to fine the passenger, allow them to purchase a ticket on the spot, or both
- ✓ Real time data – Communication with the back end office and cashier station keeping your inspectors ahead
- ✓ Built in GPS means seamless ticketing and capability to automatically deal with multiple tariffs – flat rate, zone based, distance based, peak hour, off peak, etc.
- ✓ Short range communication through RF or Bluetooth allows for the Xpedition Inspector 4020 to communicate with other machines on the vehicle, such as the Ticket Issuing Machine (Bus Console) and validators.
- ✓ Screen designed for easy viewing from different angles and a wide range of lighting situations.
- ✓ Ergonomic design, lightweight, can be hand held or strapped around neck

### HOW IT WORKS

In order to initiate the route, the inspector places his security card near the Xpedition Inspector 4020. The inspector is required to choose the relevant bus, BRT or light rail route, and then he can start his inspection responsibilities. More specifically, the inspector is able to check cards to see if they have been validated for the current trip, and depending on the company policy, can also fine offending travelers, sell single tickets, or add credit to the smart travel card.

If the card is not valid, a fine can be paid on the spot, and a receipt can be issued for the fine. If the card is not valid, and the policy allows for the passenger to purchase a ticket on board, the passenger pays both for the fine and the current ticket in cash and the inspector can choose from different passenger type tickets to issue. For example, special fares for children, seniors, students, or physically challenged, or other relevant categories can be used, depending on the policy of the transit authority. The ticket is printed and given to the passenger.

If the card is not valid, and the policy allows for the passenger to add travel credits, the passenger places their smart travel card near the Xpedition Inspector 4020 in order to pay the fine and pay for the current trip. The inspector can choose special fares, such as child fare, senior citizen, student and other relevant categories.



On-Board



Handheld



Staff Operated



TapNGo



Future-Proof



New

## TECHNICAL DATA

Display Monitor	3.2" Color display and touch-screen, 240 X 320, backlight, LED nits 500
Operational Keys	Resilient keys for intensive work, for functional use. Numerical, navigation and approval keys, SOS key for emergency
Printer	Interface for external portable Bluetooth thermal printer. Prints receipts, paper tickets and reports
Internal Memory	4Gb (upgrade to 16Gb)
Contactless card reader	Supports the following standards: ISO-14443 A & B Calypso®, Mifare®, MifarePlus®, DESfire®, NFS. In addition to the option of card placement and reading near the sensor, the card reader has a slot option, which allows for inserting a card if necessary. This is usually used for longer transactions, such as adding credit to the smart card. This prevents the card from falling to the ground during the transaction
Acoustic Indicators	One 1W speaker
Illumination Indicators	The unit contains number of different lighting elements
Location service	GPS receiver SIRF IV with 48 tracking channels, 15s fast location acquisition (optional)
Communication method to central office	On board cellular modem (2G to 3.5G option), Direct connection to PC via USB link for backup purposes
Cellular Communication	CG – internal cellular modem
Communication interface	Bluetooth 2.1, RS232
Battery	Detachable 2,500 mAh Li-Po
Temperature	Operation: -30°C to +80°C (Excluding paper); Storage: -40°C to +85°C
Humidity	95% at 38° non-condensing
Shock and Vibrations	IEC-721-2-5M3; Military Standard MIL-STD-810
EMC	Full Compliance: CE IEC 61000-4-2,4,5
Protection from dust & water	IP 65 , IK08
Materials	Reinforced plastic
Dimensions	(W)10.5, (H)23.5, (D)3.5 cm
SAM slots	2 (upgradable to 4)
OS and CPU	RTX , ARM cortex