

AVANTIX Mobile

The Portable Printer for Mobile Ticket Issuing



AVANTIX Mobile

The AVANTIX *Mobile* is an excellent example of Blazepoint's ability to engineer customised printing solutions. It was developed and manufactured for the system integrator SchlumbergerSema to provide a ticketing solution for the rail industry.

The AVANTIX *Mobile* ticket printer is a small, lightweight, ergonomic device which incorporates a rugged PDA, thermal ticket printer and a magnetic card reader for credit card transactions and ticket verification. The unique AVANTIX *Mobile* is capable of producing either plain printed tickets or magnetic encoded tickets where barrier control is in operation.

The AVANTIX *Mobile* has been especially designed for applications where it is necessary to issue tickets whilst on the move or when mains supply is unavailable, such as car parking, event ticketing, receipt issue and any other queue busting application requiring battery operation. High quality Lithium Ion batteries are used to guarantee both long standby as well as operating times. Quick loading of ticket stock and interchangeable batteries provide continuous operation without any delays.

- Lightweight portable printer that can print and encode a magnetic striped ticket in a single pass
- Roll or fanfold ticket media
- Magnetic swipe reader
- Integrated smart card reader
- Small, lightweight and ergonomic design
- Casio EG800 Pocket PC with 1GB Microdrive
- Direct thermal print technology
- Up to 500 tickets printed and encoded between battery charges



Ticket encoding

Ergonomically designed for portable use, the AVANTIX *Mobile* uses a rugged Casio PDA model EG800 for intelligence, which controls a direct thermal printer with magnetic stripe encoder, a magnetic stripe reader for ISO credit cards and the central stripe on the ticket. A contact Smartcard reader and provision for non contact Smartcards may be fitted as an option. The direct thermal print mechanism provides high quality printing results.

Weighing only 2kg the AVANTIX *Mobile* can handle ticket sales by cash or credit card, with receipts or vouchers, and also provides the operator with access to timetables, fare structures and other information. The AVANTIX *Mobile* is supported by a practical webbing strap which can be utilised in several ways to suit different operational requirements.

Practical webbing strap



AVANTIX Mobile – Product Specifications

Physical:

Dimensions:	262mm (H) x 126mm (W) x 175mm (D)
Weight:	2.03 kg (including PDA, batteries, ticket stock and webbing strap)
Chassis Construction:	Baybend plastic

Print:

Print Technology:	Direct thermal
Print Resolution:	203 dpi
Maximum Print Speed:	
- with magnetic stripe encoding	3.5 seconds/ticket
- w/o magnetic stripe encoding	2.5 seconds/coupon
Effective Print Width:	54 mm
Media Thickness:	
- Fanfold Tickets	240 micron
- Roll Tickets	60 micron
Media Capacity:	
- Fanfold Tickets	'Z' fold pack of 250 credit card sized tickets
- Roll Tickets	450 tickets per roll
Media Sensors:	Transmissive (gap sensor)

Power:

Power Source:	2 Lithium Ion batteries
Tickets per full charge:	500 (printing and encoding)

Environmental:

Operating Temperature:	0 – 40°C
Storage Temperature:	-20 – +60°C
Relative Humidity:	0 – 95% non condensing
Drop Test:	1m to concrete
Approvals:	Designed to meet EMC and ESD requirements

Maintenance:

Printer Warranty:	12 months
Printhead Warranty:	6 months

Features:

- Centered magnetic stripe writer
- Magnetic stripe reader to read credit cards and centre striped tickets
- Four way strap adjustment to suit different operational requirements

Models with mains operation, RF comms, wireless LAN link, GPRS capability, contact chip card reader interface and contactless card reader can be designed for special applications.

Blazepoint Limited are uniquely positioned to engineer custom solutions to your printing system needs. Please contact us to discuss your requirements!

*Technical specifications do not relate to the PDA
Specifications may change
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