



F240 VALIDATOR

Modular electronic validator
for contactless smart cards,
contact smart card
and plain paper tickets



F240 , the validator that grows

F240 is the new electronic validator from AEP, characterized by a modular structure.

Thanks to this modularity, F240 can be used as an immediate substitute for traditional punchers, offering furthermore the capability to be upgraded, even in a second time, to cover all requirements of a modern Automatic Fare Collection Systems.

CDB-5 driver's console



Capable of processing as well contact and contactless cards, can manage virtually any electronic fare document and, at the

same time, the contact interface make it open to innovative solutions that include bank cards, electronic purses, service and identity cards.

Internally provided with the paper validation unit, it ensures the compatibility with traditional paper tickets, making then easy the transition to electronic fare documents.

F240 is mountable on 3 different industry standard support plates and, in most cases, does not require any modification of existing bus set-up.

Efficient, flexible and easy to use

F240 offers a rich scale of accessories and options; like other AEP products, it provides an on-board operating system and is programmable in high level languages such as C and C++.

Developing and interfacing kits are available for developers and system integrators or for those companies that wish manage technological devices from inside.

TECHNICAL SPECIFICATIONS

	Base version	With OBF241 extension module
Validation	Dot matrix impact printer with cartridge ribbon; optional side cutter	
Smart card contact		ISO-7816
Smart card contactless		ISO 14443A-B, Calypso, ISO 15693, Philips MIFARE, Sony Felica, e-NFC
Memory	✓	512K FLASH, 2M RAM, up 4G FLASH by SD/MMC module
Automatic saving daylight switch	✓	✓
Display	LCD 2 rows x 16 large characters, backlit	
Keyboard		external, 4 keys
Audible alarm	✓	✓
Speech synthesis for instructions or next stop alert		✓
Interfaces	RS-232/485	RS-232, RS-485, Bluetooth, W-LAN (IEEE 802.11b), GPRS, UHF, GPS
Dimensions, mm	188L x 158P x 300H	
95/54/CE homologation ("e" brand)	✓	✓
Meets CEI EN 50155 for shock and vibration	✓	✓
CE brand	✓	✓

Some of above features are optional

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