

Product:
EVD 100

Market:
Public Transport
Access Control

Area:
Bus, Train, Tram,
Underground

Application:
Stationary

Functions:
Validation and
Information Terminal

ACS is now a Xerox company

EVD 100

The stationary e-ticketing Terminal

- Appealing ergonomic design
- High-contrast color display
- Easy to install
- Processing of contactless chip cards
- Fast connection to the Arcos Management System
- Optional buttons for processing customer entries



 **ACS**

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EVD 100

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The flexible e-ticketing terminal for stationary applications

The latest-generation e-ticketing terminal, the Electronic Validation Device (EVD) from ACS, enables automatic fee processing as passengers get on and off trains, trams and buses. This electronic reading and validation device is a versatile and intelligent e-ticketing product which can read from and write to contactless smartcards and process the data stored on such cards.

As an option, the EVD 100 can be equipped with softkeys to enable processing of customer entries.

The EVD 100 is fully integrated into Arcos Management System from ACS, which enables transport companies to manage transaction data, device operating parameters and error messages from all connected terminals.



Main functions	Supports all type A and B cards as per ISO 14443
	Prepared for up to 4 Security Access Modules (SAMs) as per ISO 7816
	Processing of business rules and storage of transaction data
	Communication on TCP/IP basis
Electronic features	CPU clock speed 800 MHz
	128 MB RAM, 1 GB flash memory, upgradable with SD cards
	Windows CE operating system
	5,7" ¼ VGATFT color display
	Programmable acoustic signal
	Power supply 90 – 260 VAC
Physical features	Material: polycarbonate and stainless steel
	H x W x D: 288 x 165 x 190 mm
	Weight: 1.3 kg (terminal without pedestal)
External interface	Ethernet, RS232, infrared (service interface), USB
Environment	Operating temperature: – 15°C to + 60°C
	Storage temperature: – 20°C to + 70°C
Optional	RS422/485 full duplex interface
	Power over Ethernet as per IEEE 802.3af-2003
	Customized "contactless ticketing" logo on the front of the housing

The specifications contained in this brochure are for information purposes only and are subject to change. Some of the items listed above are not included in the base configuration. Please consult ACS Switzerland Ltd if you require any specific feature.

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