SV-360-EG
Contactless Validator

The ultimate validator for enhanced passenger experience

Based on its long experience and know-how, AMCO introduces its new generation of contactless validator for easy and secure fare collection management on bus, tramways and light rail.

This multi-functional tool combines aesthetic design, robustness and high performance in processing a variety of electronic fare media options including smart cards, printed or mobile QR codes, NFC and also supports bank cards.

Tailored to modern passenger needs, SV-360 features a 7" touch color display, attractive user interface, bright indication LED light bars and a 3W audio system to ensure instant transactions as well as enhance rider's experience.

Apart from secure and unhindered validation transactions, this device is the ultimate marketing tool through promotional videos and animations on the display. Its uniqueness lies in its ability to combine fare collection with mobile marketing by communicating to passengers retail offers and discounts from companies cooperating with the transport operator for each route.

Key Features

- Elegant, Robust and high quality validator suitable for vehicle environment
- 7" projected capacitive touch screen with user friendly Interface
- Power CPU for further expandability
- Fare media options like smart cards, printed or mobile QR codes
- Support for NFC and EMV compliant contactless bank cards
- Audio speaker for commuters with vision disabilities
- Operates as part of fare collection system or as stand-alone validator

SV-360-EG
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TICKETING SOLUTIONS

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TECHNICAL SPECIFICATIONS

SV-360-EG SERIES CONTACTLESS VALIDATOR

Technical data are subject to change without any prior notice | SV_360_version 1.0_April 2015

Processing Unit	• Embedded powerful ARM cortex A9 processor up to 1.4GHz • 4 GB flash on-board memory • 4-32 GB external flash memory • Linux - Windows Embedded Compact OS
User Interface	• Color TFT 7″, resolution 480 x 800, protected by 4mm vandal-proof glass • Projected Capacitive Touch (PCAP) • Illuminated LED Bars as transaction indicators • 3W audio Speaker • Audio player support • Sound level detection
Smart Card Support and Compiance	• SO/IEC 14443 Type A and B • support for MIFARE classic, MIFARE DESFire, MIFARE™ Plus, Calypso • EMVCo compliant (PayPass and PayWave)
Communication Interfaces	• LAN Ethernet 10/100 Mbit • RS485/RS232, IBIS • USB diagnostic port usable for maintenance • 2 digital I/O • ISO14443 Type A/B card reader • Frequency 13.56 MHz: -2.25 dbµA/m @ 10 m
Environment	• Operating temperature: -20 °C to +65 °C • Storage Temperature: -30°C to +80°C • Humidity: 15% to 95% non-condensing
Power Supply	• 9 to 37 V DC - polarity inversion protection • Power consumption: max 8W
Housing	• Robust non-flammable material for automotive equipment • Protection Index IP54/ IK08 (optional IK10) • Dimensions: Height 310mm, Width 156mm, Depth 80mm • Weight approximately l,6Kg
Mounting	• The validator is mounted on a base, the standard base is adopted for mounting on vertical bus hand railings with diameters from 30 to 35mm, as an option a base for horizontal hand ralings is also available. • Time to mount or dismount approx. 20sec
Compliance	• CE, EMC, ETSI EN 300 330

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