

**“The Validator SCV500 card reader is designed to provide an EMV solution that is compact in size yet tough enough for daily usage. It accepts a variety of contactless credit cards and also has an inbuilt GPS system”**

### Validator SCV500



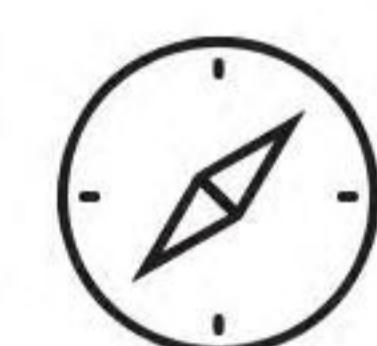
High resolution colour graphical display



Fully programmable user interface



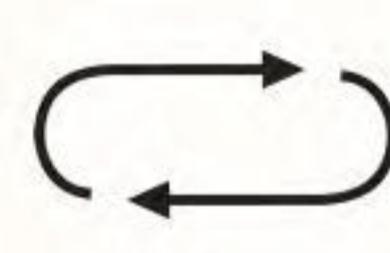
Multilanguage support



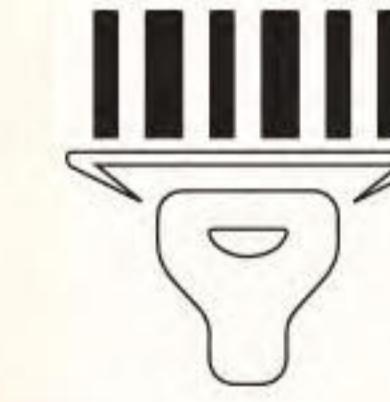
Internal GPS & GPRS



ISO 1443 type A/B support



Support RS485 and RS232 interface



1D & 2D codes image scanner



SC Soft has designed and manufactured innovative mass transportation system solutions that are robust and cost-effective. We are also adept at customizing solutions specific to your project needs.

## Validator SCV500

Available Colours



## SPECIFICATION

<b>Processor</b>	ARM Cortex-A8 1GHz	
<b>Memory</b>	NAND FLASH RAM EXT. Memory	1GB 512MB, 32 bit BUS SD Card Socket
<b>RTC</b>	Battery Back up	up to 2000 hours
<b>Contactless Card Reader</b>	ISO14443 Type A & B, ISO 18092, EMV Contactless level 2 compliance Mifare Classic (1k, 4k), Mifare Plus, Mifare Desfire Keys storage memory not less than 4KB, Remote public key loading	
<b>Certification</b>	EMV, American Express® ExpressPay®, Discover® Network ZipSM, MasterCard® PayPass M/Chip™, Visa® payWave qVSDC	
<b>Optical Image Scanner</b>	<b>1D Codes:</b> UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar (NW7), Code 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, UCC/EAN 128 (GS1-128), China Post, China Finance, Telepen, GS1 DataBar (formerly RSS) variants  <b>2D Codes:</b> PDF417, MicroPDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code, GS1 Composite, MicroQR Code, CodaBlock F Code, GM code	
<b>Communication</b>	GPRS / 850 / 1900 MHz  802.11b/g/n Wireless LAN	
<b>Positioning System</b>	42-channel, High- performance STE engine Position Accuracy < 2.5m CEP, Sensitivity: -160 dBm	
<b>Accessories</b>	Fast Thermal Line Printer	
<b>Display Interface</b>	Bright colour 5" TFT LCD, with high contrast graphics Digital high quality audio, including voice messages Fully programmable user interface Multi-language support	
<b>Interface</b>	RS232, RS485, USB 2.0 Host / Guest, CAN bus	
<b>Power Supply</b>	Input Voltage Range: 9 V to 38 V DC Reverse Polarity Protection: -400 V Over-voltage Shutdown: 38 V ±2V	
<b>Physical Characteristics</b>	IP54 (IEC 60529) IK08 Impact Resistant Dimension: 250 (H) x 140 (W) x 60 (D) mm Mount on horizontal and vertical tube Mount on tube with 3-5 cm diameter Wall Mount	
<b>Application</b>	Automatic Fare Collection Access Control	

**Bringing You Creative Innovations**

**FCC Warning:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.