


# SCV500 VALIDATOR



SCV500 Validator is designed to provide full contactless EMV solution.

It has also a built-in 2D barcode scanner which makes it suitable device for any Automatic Fare Collection (AFC) and Access Control Systems

-  High resolution color display
-  Fully programmable user interface
-  Multilanguage support
-  Internal GPS & 4G LTE modules
-  EMV Level 1 and 2 certified contactless card reader
-  High Speed SAM Controller
-  High performance 2D barcode scanner able to read mobile phone device screen





# SCV500 VALIDATOR

CPU	64-bit Quad Core Cortex-A9, with dynamic frequency scaling up to 1.4GHz	>>>
RAM	1 GB 32 bit DDR3 RAM	>>>
Flash Memory	8 GB onboard eMMC memory	>>>
Operating System	Android 4.4, Linux Ubuntu-core	>>>
External Memory	MicroSD Card up to 32GB	>>>
Display	5.0 inch TFT LCD 640x480	>>>
Connectivity	4G-LTE or 3G	>>>
2D Barcode Scanner	High performance 1D/2D(QR code,Data Matrix,etc)Scan engine	>>>
SAM Module	4 or 8 SAM slots extension	>>>
Audio/Buzzer	Digital high quality audio with internal 2W amplifier or Buzzer output	>>>
GPS	A-GPS, 50-channel position engine	>>>
RGB LED	Option: 3Color RGB Control	>>>
Wi-Fi	802.11b/g/n	>>>
Bluetooth	Bluetooth V4.0, Bluetooth Low Energy (BLE)	>>>
Card Reader	ISO14443 A/B, ISO18092(NFC),DESFire EMV L1 & L2	>>>
USB Port	1xHost (USB 2.0),1x USB Device(OTG/Debug)	>>>
Ethernet	10/100Mbps Ethernet with unique MAC	>>>
External CAN/RS485	Default: High-Speed Half-Duplex RS485 Option:1Mbps physical layer CAN Transceiver	>>>
Power Supply	Wide input voltage range 9 to 38 VDC, Reserve polarity protection, under voltage and over voltage protection	>>>
Battery	5000mAh LI-Ion battery	>>>
Physical Characteristics	IP 65, IK 10, Dimensions: 205mm (H) x 85mm (W) x26.8mm (D)	>>>
Mounting	Can be mounted on the vertical tube (1-1.75 inch) or wall mount	>>>