

LECIP



All-in-one Validator LV-800



Rugged

Tested and certified to railway and bus industry standards.



High-Speed

Fast processing enables smooth passenger flow and high throughput.



Serviceable

Easy to maintain and upgrade, with remote monitoring support.



Secure

VDV-KA, EMVCo Level 1 & 2 compliant, and PCI-PTS 6.x certified.

Applications Bike & Car Sharing, Access Control, Parking, Ticket Validation



Technical Specifications

Dimensions	W 140mm x H 324mm x D 88mm
Weight	Approx. 2.2KG.
Contactless Interface	ISO 14443 A/B, ISO 15693 Contactless payment card, mobile NFC in card emulation mode, MIFARE
Smart Cards	MIFARE Classic/Plus/Ultralight/Ultralight C/DESFire, SmartMX, FeliCa, Calypso, ITSO, VDV-KA
Contactless Standards	EMVCo Contactless Level-1 V3.1a
Available Payment Kernels (L2)	Visa, Mastercard, Amex, Discover D-PAS, JCB, UnionPay, RuPay, PURE, Bancomat, eftpos, Interac, CPACE
Payment Security	PCI-PTS 6.x
QR Scanner	CMOS sensor: 1280 x 800 pixels, View angle: 75.6° (H) x 50.9° (V) 1D Linear Codes, 2D Codes, Postal Barcodes
Controller	1.6 GHz Arm Coretex-A53, 2GB DDR4, 8GB eMMC Flash, 32MB QSPI Flash
Support OS	Yocto Linux
User Interface	7" TFT LCD (600x1024 resolution) with capacitive touch panel
Communication Interface	Ambient light sensor, backlight control, audio speaker Ethernet (10/100BaseTx), 1x RS232C, 1x VDV300, 1 x USB, 4x GPIO
Electrical Power	Power Supply 9 - 36V DC
Power Backup	100ms
Storage Temperature	-30°C to +70°C
Operating Temperature	-20°C to +60°C
Humidity	5% to 95% (non condensing)
Mounting	Pole Diameter: 30, 35, 40 mm
Other	CE, E-Mark, RoHS, IP54, IK9, FCC(in process) Option: 4G Modem, 5G Modem, QR scanner hood



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