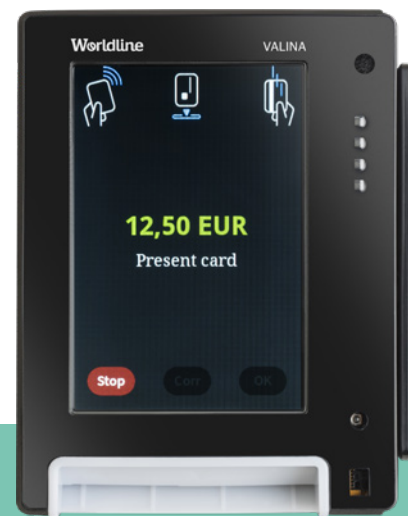


PAYMENT TERMINALS

VALINA THE NEXT GENERATION COMPACT, CONVENIENT, COMPLETE



This all-in-one terminal welcomes cardholders, accepting any method of electronic payment. It makes it easy for merchants to use value-added business applications. It fits any kiosk, vending machine or other housing for EVA-compliant terminals.

- Intuitive and interactive payment terminal
- 3.5", 64K colour, multimedia touchscreen supports PIN entry
- Standard EVA dimensions – easy integration, no removal detection switch
- Accepts any method of electronic payment – contactless cards and devices, chip cards and magstripe cards
- Guided assistance to correct interface for card insertion or contactless tap
- Android-based platform supports value-added business applications

PAYMENT OPTIONS

- Suitable for payments with or without PIN
- Accepts all forms of electronic payment including EMV
- Supports business developments such as NFC loyalty, couponing, wallets (available as of Q3 2017)

MULTIMEDIA

Maximise interaction and enrich the user experience with:

- advanced audio/video coding
- hardware video decoder with graphical accelerator
- image libraries, touchscreen interaction and multimedia
- moving-image advertising between transactions

ROBUST AND RELIABLE

The tough, impact- and scratch-resistant glass display reduces reflectivity and offers outstanding readability. The terminal is IK 09 and IP 65 certified vandal-proof/water- and dustproof.

Chip-card and magstripe-card readers are selected for proven, long-term reliability.

HIGH SECURITY

- Meets the latest hardware and software security requirements
- PCI PTS 4.x certified
- Complies with SRED and Open protocol modules
- Supports point-to-point encryption (P2PE) solutions
- Delivers optimal processor security through ARM TrustZone

BIG PERFORMANCE, SMALL FOOTPRINT

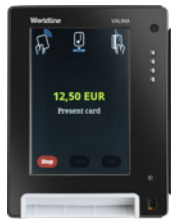
The terminal is powered by a fast processor running Android, delivering unequalled performance and flexibility. This reliable operating system is embedded in many platforms, devices and systems worldwide. Built-in power management, optimised through proximity detection and external signalling, reduces environmental impact and operating costs (Built-in power management available as of Q3 2017).

VALINA - THE NEXT-GENERATION

UNATTENDED TERMINAL

UNIQUE FEATURES

- Attractive user interface with colour display and software controlled LEDs
- Sleek, modern design
- Easy, flexible integration
- Designed to avoid condensation and water infiltration
- Easy integration and terminal replacement without removal detection switch



Front view



Rear view

BUTTONS

- Reset and Menu buttons at the back

SPECIFICATIONS

Processor, o/s and memory

- ARM Cortex A9 main processor (600 MHz)
- Android operating system
- 1 GB RAM, 4 GB Flash

Display

- 3.5", 320 × 480 pixels
- 64K colours, backlit LCD
- Capacitive touch screen

Card readers

- Contactless - integrated antenna around display
- Chip-card reader
- Triple-track magstripe-card reader

Multimedia

- All video formats supported through SDK
- Mono speaker

Video/audio/graphics

- H.263, H.264 and H.265 video codecs
- Supports most common audio formats, including .wav, .mp3 and .midi
- Supports .jpeg, .gif, .png and .bmp image formats

Slots and connectors

- MDB interface (Mini-fit – DC)
- Micro SD
- TTL interface (Micro-fit - IO - DC)
- 2 SAM slots (type ID 0)
- External comm board interface

Operating and storage conditions

- Operating temperature -20°C to 70°C
- Storage temperature -25°C to 70°C
- Operating/storage relative humidity, 5% to 95% RH (non-condensing)

Security & approvals

- PCI PTS 4.x (SRED and Open Protocols)
- MasterCard TQM
- VISA and MasterCard Level 2
- EMVCo Level 1 contact V4.3
- EMVCo Contactless V2.5
- Directives 1995/5/CE, 2004/108/CE, 2006/95/CE
- Environmental directives Reach, RoHS 2, WEEE
- FCC
- CE
- Other country-dependent certifications are available. This list is not exhaustive.

Connectivity/communications

- USB 2.0 device
- USB 2.0 host
- Ethernet 10/100 and RS232 built in

Size and weight

- Meets EVA CVS standards
- Product dimensions: 85 × 107,5 × 88 (wxhxd)
- Integration dimensions: 86,40 × 108,71 × 110 (wxhxd)
- Weight: 573 g

Power supply

- 12 VDC, 2A via Micro-fit
- 24 - 45 VDC via MDB
- 12 VDC, 2A via serial

Power profiles

- Active
- Sleep
- Standby

ABOUT WORLDLINE

Worldline [Euronext: WLN] is the European leader in the payment and transactional services industry. With innovation at the core of its DNA, Worldline's core offerings include pan-European and domestic Commercial Acquiring for physical or online businesses, secured payment transaction processing for banks and financial institutions, as well as transactional services in e-Ticketing and for local and central public agencies. Thanks to a presence in 30+ countries, Worldline is the payment partner of choice for merchants, banks, public transport operators, government agencies and industrial companies, delivering cutting-edge digital services. Worldline's activities are organized around three axes: Merchant Services, Financial Services including equensWorldline and Mobility & e-Transactional Services. Worldline employs circa 11,000 people worldwide, with 2018 pro forma revenue of 2.2 billion euros. worldline.com

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