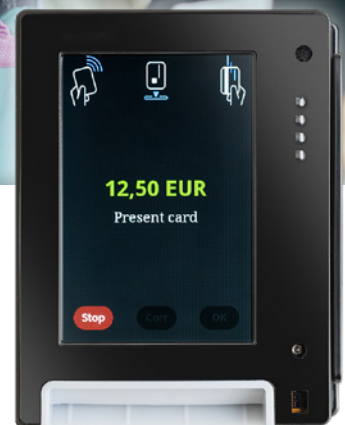


Valina

An Android terminal to enhance the self check-out experience



- Support value-added apps, to improve customer engagement and drive additional revenues
- Cope with harsh outdoor conditions thanks to a robust and vandal-proof terminal
- Complies with space-constrained EVA standard and security requirements





An Android terminal for any integration scenario



Android-based platform

to support value-added services and third-party business applications.

Intuitive and interactive self check-out:

- 3.5" colour and multimedia touchscreen supports PIN entry
- Guided assistance for card insertion or contactless tap

Accepts any payment methods:

- Contactless, Magstripe, EMV, QR-code payment

Robust design IK09 / IP65

to answer intensive indoor or outdoor use cases

Stand-by mode

to guarantee optimal energy efficiency.

Standard EVA dimensions:

- Easy integration
- No removal detection switch

Meets international security requirements



Processor / OS	• ARM Cortex A9 (600 MHz) Android OS	✓
Memory	• 1 GB Flash, 4 GB RAM MicroSD	✓
SAM	• 2xSAM ID-000	✓
I/O	• TTL interface (Micro-fit - IO - DC)	✓
Contactless reader	• EMV Level 1 / ISO 14443 A/B/B' (integrated antenna around display)	✓
Contact readers	• Chip card reader • Triple-track magstripe-card reader	✓ ✓
Display	• 3.5" 64k colors, backlit LCD (320x480)	✓
Touchscreen	• Capacitive	✓
Keypad	• Virtual keyboard on screen	✓
Audio	• Mono speaker (supports most common audio formats, including .wav, .mp3 and .midi)	✓
Video	• H.263, H.264 and H.265 video codecs (supports .jpeg, .gif, .png and .bmp image formats)	✓
Terminal connectivity	• Ethernet 10/100, 1 x RJ45 LAN port • Optional 4G (with External comm board interface)	✓ Option
Terminal connections	• 1 x USB Slave • 1 x USB Host • 1 x RS232 • 1 x MDB interface (Mini-fit - DC)	✓ ✓ ✓ ✓

Security	• PCI PTS 5.x certified (SRED and Open Protocols)	✓
IP	• IP 65	✓
IK	• IK 09	✓
Power supply	• 12 VDC, 2A via Micro-fit • 24 - 45 VDC via MDB • 12 VDC, 2A via serial	✓ ✓ ✓
Terminal size	• 85 (W) x 107,5 (H) x 88 (D) mm (3.34x42.3x3.5)	✓
Weight	• 573 g (20 oz)	✓
Environment	• Operating temperature: -20°C to 70°C (-4°F to 158°F) • Storage temperature: -25°C to 70°C (-4°F to 158°F) • Operating/storage relative humidity: 5% to 95% RH (non-condensing)	✓ ✓ ✓
Mounting in the kiosk	• From inside with EVA mounting plates	✓
Accessories	• Adapter cable for standard 12V PSU • PSU 12V • EVA EPS mounting steel plate • USB cables, serial cables... • Roof antenna (WiFi/4G/3G/2G)	✓ ✓ ✓ Option Option

