Designed for retail
The YOMANI terminals are countertop terminals for attended use in retail environments. Thanks to years of experience in the large retail environment, our designers have delivered a high-performance, low-consumption terminal with simple USB, Ethernet and serial port connectivity.

Optimal acceptance
The YOMANI terminal has three clearly separated card readers for chip, magstripe and contactless cards. Programmable lighting guides customers to the correct reader. Backlit keys with tactile identifiers make the keypad stand out for ease of use.

The YOMANI touch sets new standards for user experience. Its full-colour touch screen brings new opportunities for customer interaction, and lets merchants offer eye-catching apps and commercial information.

Ultimate performance and security
The chip powering the terminal has been developed by Worldline to deliver the ultimate in performance. This custom chip combines two fast processor cores, more memory and superior cryptographic functionalities.

Internally, the YOMANI terminal offers unparalleled security: dedicated security processor, extensive proprietary security measures and international certifications such as PCI PTS 4.x mean data, terminal and apps are fully secure.

Externally, a key security feature of the YOMANI is its characteristic PIN privacy shield. Seamlessly integrated in the design, this protects the cardholder from shoulder surfing.

Ease of use
The ML configuration for YOMANI and YOMANI touch supports multi-lane payment for large retailers. With its USB device interface, it offers a single-wire solution for connecting the terminal with e-POS equipment. Smart and easy!

The XR configuration for YOMANI and YOMANI touch provides a fully equipped terminal for all retail environments. The additional USB host interface provides connectivity to peripherals such as biometrics devices and bar-code readers.

Optional accessories for the XR include a fast, compact printer and a range of communication boards.

Memorable design
Once seen, never forgotten! The smooth curves, sober lines, high-quality finish, contrasting textures and compact footprint of the YOMANI terminal won it a reddot design award.

Colours
Standard colours for the YOMANI terminal are white and anthracite grey. Other colours can be delivered, depending on the number of terminals ordered.

Care for the environment
Like all current Worldline products, the YOMANI is manufactured in line with RoHS2 and WEEE standards.

Terminal management
Manage your terminal park with XENTURION, for:
• Secured remote software download
• Scheduling and parameter management
• Remote terminal support and diagnostics
• Remote key loading (RKL)
# YOMANI - colourful innovation

## Specifications

### Card readers
- Chip card reader
- Triple-track magstripe-card reader (ISO 1/2/3)
- Contactless (NFC) card/device reader (ISO 14443 A&B and MIFARE compliant)

### Keypad
- Backlit ergonomic keypad
- Tactile identifiers for accessibility

### Processor
- Dual ARM 9 processor cores
- Superior cryptographic functionalities

### Software
- Linux operating system
- Linux-based development kit (C and Java)

### SAMs
- 2 SAM slots (type ID 0)

### Security
- 3DES, AES and RSA encryption algorithms
- DUKPT key management
- Additional security schemes available
- TLS 12

### Operating conditions
- Operating temperature 0 °C to +50 °C
- Operating humidity 20% to 90% RH, non-condensing

### Memory
- 64 MB RAM, 128 MB Flash

### Display
- 64K-colour TFT display
- 2.8", 320 x 240 pixels

### Size and weight without accessories (approx)
- 116 mm wide x 170 mm long x 103 mm high
- 640 g

### Communications

<table>
<thead>
<tr>
<th></th>
<th>ML touch ML</th>
<th>XR touch XR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethernet</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Serial (RS232)</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>USB device</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>USB host</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>WiFi b, g, n</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>3G (850, 900, 1800, 1900 and 2100 MHz)</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>2G (850, 900, 1800 and 1900 MHz)</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>PSTN (dial-up)</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

### Power supply
- via USB adaptor 5 V, 500 mA
- via mains adaptor 100-250 VAC, 47-63 Hz

### Accessories

### Approvals
- CE, EMC
- PCI PTS 4.x (SRED and Open Protocols)
- MasterCard TQM
- EMV 4.3 level 1 (contact and contactless)
- EMV 4.3 level 2 (contact and contactless: MasterCard Contactless, payWave, expressPay kernels)
- Other country-dependent certifications are available. This list is not exhaustive.

### Memory
- 128 MB RAM, 128 MB Flash

### Display
- 64K-colour touch screen
- Landscape format
- 3.5", 320 x 240 pixels

### Size and weight without accessories (approx)
- 116 mm wide x 170 mm long x 105 mm high
- 650 g

## About Worldline

Worldline (Euronext: WLN) is the European leader in the payments and transactional services industry. Worldline delivers new-generation services, enabling its customers to offer smooth and innovative solutions to the end consumer. Key actor for B2B2C industries, with over 40 years of experience, Worldline supports and contributes to the success of all businesses and administrative services in a perpetually evolving market. Worldline offers a unique and flexible business model built around a global and growing portfolio, thus enabling end-to-end support. Worldline activities are organized around three axes: Merchant Services & Terminals, Mobility & e-Transactional Services, Financial Processing & Software Licensing. Worldline employs more than 7,300 people worldwide and generated 1.22 billion euros revenues in 2015. Worldline is an Atos company.

For further information

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