YOMANI
colourful innovation

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)

worldline
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an atos company

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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 1.2

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

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
- 64 MB RAM, 128 MB Flash

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

Specific YOMANI ML/XR

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

Memory
- 128 MB RAM, 128 MB Flash

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

Specific YOMANI touch

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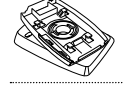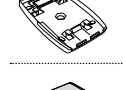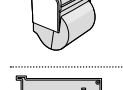- 116 mm wide x 170 mm long x 105 mm high
- 650 g

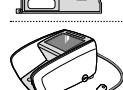## Communications

	ML touch ML	XR touch XR
Ethernet	●	●
Serial (RS232)	●	●
USB device	●	●
USB host		●
WiFi b, g, n		●
Bluetooth		●
3G (850, 900, 1800, 1900 and 2100 MHz)		●
2G (850, 900, 1800 and 1900 MHz)		●
PSTN (dial-up)		●

Power supply

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

Accessories

		ML touch ML	XR touch XR
	The Merchant Unit is an ideal extra when using the terminal without e-POS equipment. Connecting to the terminal with a USB cable, it gives merchants an extra keyboard and includes an integrated ticket printer.	Optional	Optional
	The swivel plate makes it easy to rotate the terminal up to 270°, giving access to the keyboard from both sides of the counter. Practical for both merchant and cardholder!	Optional	Optional
	The fixation plate holds the YOMANI terminal securely on the countertop. The plate is fastened to the countertop with screws or adhesive pads and the terminal clicks on to it.	Optional	Optional
	The fast thermal printer means merchants are not obliged to have a Merchant Unit or e-POS equipment just for ticket printing. 30m rolls of phenol-free paper give long use between easy replacements.	No	Optional
	A choice of communication boards lets you add 3G, 2G, WiFi/Bluetooth or PSTN (dial-up) communications.	No	Optional
	The Kensington slot lets you increase the physical security of your terminal with third-party products. Specify this option when you order your YOMANI.	Optional	Optional
	The signature capture kit adds a tethered stylus for use with the capacitive screen of the YOMANI touch. Specify this option when you order your YOMANI touch, and contact your vendor for details of signature capture apps.	Optional only for the touch ML	Optional only for the touch XR

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.

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The mark of responsible forestry