

# XENTA

Innovation cubed



Ergonomic design  
Integrated PIN-shield  
Unmatched performance  
Open standards  
IP- and SSL-enabled

*ban*ksys  
An Atos Worldline Brand

# XENTA



XENTA® is Banksys' latest **countertop** point of sale (POS) terminal. Uniting unrivalled technology with an unprecedented design, the terminal illustrates our commitment to payment efficiency. Its compact design and advanced accessories allow for an easy integration into any retail environment. The new GPRS and WiFi communication interfaces, combined with SSL-security for transaction data sent over public networks, make XENTA the ideal solution for new market segments and innovative applications.

The powerful XENTA terminal is capable of processing all types of magnetic stripe and chip cards. The System-on-Chip incorporates two dedicated processor cores that provide watertight security and the capability of running multiple applications simultaneously at unmatched speeds.

The shape of the terminal with its integrated privacy shield, easy to use keypad and prominent display contributes to its revolutionary ergonomics.

## TECHNICAL SPECIFICATIONS

- Card interfaces
  - Chip-card interface EMV 4.0 level 1 compliant
  - Triple-track magnetic-stripe reader (ISO 1/2/3)
  - Optional contactless reader (ISO 14443 A & B)
- Backlit ergonomic keypad
- 128 x 64 pixel backlit graphic display
- Processing capabilities
  - 2 x 32 bit ARM™ processor cores
  - 32 MB RAM, 32 MB Flash
  - Hardware cryptographic accelerators
- 4 SAM slots, type ID 0
- Standard communication via
  - Dial-up modem (up to 57.6 Kbps) and
  - Ethernet, for a TCP/ IP connection over a LAN network
- Interfaces for
  - Electronic Cash Register or other serial peripherals
  - Merchant Unit
- Power supply via adapter: 100-250 VAC, 47-63 Hz
- Physical:
  - Dimensions: 132 x 132 x 132 mm (w x h x l)
  - Weight: 740 g
- Software:
  - Linux® operating system
  - Linux-based development kit (C and Java)
  - Secured remote download of software
- Environmental
  - Operating temperature 0 °C to +50 °C
  - Operating humidity 20% to 85% RH, non-condensing
  - RoHS & WEEE compliant
- Approvals
  - EMV 4.0 level 1 and 2
  - PCI PED, PTS
  - CE, EMC
- Security
  - 3DES, AES and RSA encryption algorithms
  - Master/Session and DUKPT key management
  - Additional security schemes available
  - SSL capabilities (V3.0)
- Interface boards
  - ISDN
  - GSM/GPRS (Tri-band 900/1800/1900 MHz or 850/1800/1900 MHz; SMS capability; internal and external antenna)
  - Wireless LAN (WiFi)
- Accessories
  - Thermal printer with easy paper load, 15 lines/second
  - Paper size: 58 mm width, 30 m length
  - Merchant unit with integrated printer
  - Compact swivel plate
  - Fixation plate



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