Blackboard Contactless Vending Reader

The Blackboard VR4100 Contactless Vending Reader is a sophisticated device that incorporates both contactless and magnetic stripe reader capabilities. This feature-packed reader also supports full video playback allowing for a rich video experience and cardholder messages via a full color touch screen.

FEATURES

- Contactless and mag stripe reading capabilities
- Contactless smart card support for Sony FeliCa™
- Near Field Communication (NFC) compatibility (ISO standards based - ISO 18092)
- Secure microcontroller for encryption and secure communication
- Wired Ethernet support
- Media player capabilities
- Interfaces with virtually all NAMA MDB compliant vending machines that support cashless devices
- Built-in secure web server for remote administration and configuration worldwide
- Configuration accessible via front panel (Touch Screen), CONFIG port or Web Service

SPECIFICATIONS

Model Number: VR4100
Physical Size: 3.7” W x 5.2” H x 2.1” D
Weight: 0.72 pounds
Input Power: 24-34VDC 500mA max

OPERATING

- Temperature 0 - 60+ degrees Celsius
- Relative Humidity 0 - 95%, non-condensing
- Altitude 0 - 10,000 feet

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- Stores up to 2,500 off-line transactions
- Allows mixed card and cash vends (if supported by machine controller software)
- Mounts easily in bill acceptor or comparable sized opening
- Reduces interference problems with limited size inside machine
- Two simple connections: machine controller/coin mechanism and network
- Volume can be set to off, quiet or loud
- Front panel (touch screen) and Web Service access can be disabled for added security
- All IP communications encrypted and authenticated for data security
- Tracks cash sales (if supported by machine controller software)
- Displays balance, account warnings, and other messages following vend

**Contactless Technology from Blackboard**

Contactless technology from Blackboard enables consumers to wave their card over a smart reader at the point of acceptance.
- Transmission security and encryption
- High security smart card credential
- Near zero vulnerability points for identity theft and fraud
- Fast data transfer rate, 212Kbps

**SYSTEM REQUIREMENTS**

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For more information on the Blackboard Contactless Vending Reader, contact your Blackboard sales representative or call 800.424.9299, ext. 4.