

Blackboard Unattended Readers



Empowering Campus Life Through Performance, Convenience and Self-Service

Enabling cardholders to conduct self-service transactions dramatically lowers operational costs while increasing student and staff satisfaction. Blackboard-built unattended readers empower cardholders to access campus services unaided by clerks or attendants.

Cardholders can purchase snacks from vending machines, pay for copy services, gain access to residence halls or pay for laundry services anytime of the day or night. Blackboard® unattended readers enable on campus commerce management in the following core areas:

- **Vending**
- **Laundry**
- **Copy**
- **Access Control**

VENDING READER

The Blackboard vending reader interfaces to vending equipment systems to provide fast, convenient and safe purchasing capability with a campus card debit account. This reliable reader is easily mountable with a vertical continuous swipe-through style card slot. Viewed as a point of sale (POS) device, the vending reader provides currency and card transaction accountability and full reporting capabilities.

By using tamper-resistant, rugged metal construction, each vending reader is built to withstand the abuse of high-traffic environments. The vending reader supports Micro Mech, single price and Multi Drop Bus machine interfaces.

Additional features include a 2x8 character LCD display and the ability to store up to 2,000 transactions offline. The stored transactions are automatically uploaded to the Blackboard system when the reader returns to an online state. Transactions and configurations are stored during a power loss and can return to an operational state within 30 seconds after power restoration.



Blackboard Vending Reader



LAUNDRY CENTER READER

By bringing the security and convenience of campus card purchasing technology to today's laundry facilities, the Blackboard laundry center reader eliminates the need for coin operations. The resulting cashless environment greatly reduces the threat of theft and vandalism while providing convenience for students who no longer need to carry substantial amounts of change.

The laundry center reader is a wall-mounted terminal that activates and monitors washers and dryers across a laundry center network. Multiple washer and dryer machines can be controlled through a single Blackboard laundry center. Features include a 28-key keypad with a 2x20 fluorescent display and card reader that communicates with the Blackboard system to authorize the activation of machines and to facilitate machine repairs. The rugged metal construction of this terminal makes it both



tamper-resistant and enabled to withstand the abuse of high volume environments. Wired as well as wireless connectivity is available.

ACCESS CONTROL READER

The Blackboard access control reader provides both online and offline access control for residential halls, classrooms and virtually any closed-space environment on campus. This IP-enabled terminal can store up to 32,000 cardholders and provides for fast response times between the reader and the Blackboard system. By implementing the Blackboard access control reader across campus and taking advantage of the robust privilege control features on the Blackboard system, institutions can ensure that only cardholders with appropriate access can enter campus locations anytime, 24 x 7 x 365. Added convenience is available through an interface to proximity card recognition equipment allowing contactless access for cardholders.



COPY READER

The Blackboard copy reader (CR3000) is small enough to be mounted anywhere. It provides a bright display to convey balance, account messages and other information following each transaction. Capable of interfacing with virtually any copy machine, this IP-enabled reader also tracks cash sales and can store up to 2,500 transactions offline. For institutions concerned about security, the CR3000 encrypts and authenticates all IP communications for data security. Departmental charges can also be accommodated by a combination card swipe and 4-digit departmental charge code.



Contact your Blackboard Sales Representative today and find out how a flexible and durable Blackboard unattended reader can benefit your on-campus commerce and access activities.