Bluetooth® / NFC / MAG STRIPE Access Control | ATM / Tellerless / Self-Service Lobbies

The #1 Choice for 5 of the World’s Top 10 Banks and 23 of the Top 30 US Financial Institutions. Mobile Access Control with Remote Facilities Monitoring & Management. Delivering the infrastructure for Security & Compliance as well as innovative applications of Mobile & Beacon Technology for Retail Banking. From 24-hour managed access ATM Lobbies to complex initiatives like Branch Evolution, the ACS-1EUL provides critical components that enhance customer experience and improve business performance.

**ATM Security & Customer Safety**

**Frictionless Customer Journey**
- Mobile Access Control
- Remote Facilities Monitoring & Management
- Physical Overlay & RFID Skimmer Detection
- Beacon Technology
- Remote Vagrant Detection
- Single Customer / Group Access to Self-Service Banking Lobbies & Rooms
- MMR App SDK leverages NFC & Bluetooth® with Advanced Features & Analytics

**ACS-1EUL Features Include:**
- ETL Listed and Complies with UL-294 and ULC-S319
- NYCE BIN ISO Exception Table Lookup
- Supports 2nd Reader Board option
- Supports integration into any Alarm Panel, Video Recording System, ATM, ADA Door Assist Operator with 4 - Port I/O Board option
- Access Control w/three modes of operation for Contactless EMV Card/Mobile NFC and Track 2 Magnetic Stripe Card
- Magnetic Stripe/NFC Skimmer, Tamper, Cable Cut and Reader Replacement Detection
- Bootloader supports remote firmware updates via ACS Enterprise® Software
- Battery backed Real Time Clock with 10 years of DST
- EEPROM stored Controller Configuration Settings, Events and Card Data
- Real time transmission of Controller Events to our AXSView Service Software
- Controller Firmware Health Check supervised and Controller Stored Reader Data Retrieved by AFH Service Software
- Supports AES256 Encrypted Communication between Controller and ACS Enterprise®, AFH Service and AXSView Service

**ACS-1EUL Readers**
- Compliant to UL/EN 60950-1 for Product Safety.
- **MMR** - Track 2 Magnetic Stripe/Contactless EMV/Mobile NFC Reader
- **MMR-BT** - Track 2 Magnetic Stripe/Contactless EMV/Mobile NFC Reader with Bluetooth® Beacon

- **MMRC** - Contactless EMV/Mobile NFC Reader
- **MMRC-BT** - Contactless EMV/Mobile NFC Reader with Bluetooth® Beacon

**Panel Enclosure Dimensions**

<table>
<thead>
<tr>
<th>View</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRONT</td>
<td>11.44 x 2.38</td>
</tr>
<tr>
<td>SIDE</td>
<td>9.72 x 8.97</td>
</tr>
</tbody>
</table>

ACS-1EUL Controller

**ETL Listed - Compliant with UL-294 & ULC-S319**
ACS Enterprise®
Remote ACS System Management Software

ACS Enterprise supports remote facilities monitoring and management for branches with ACS-1EUL installations. From one or multiple PC’s within your LAN/WAN or Virtual Server, remotely program and manage self-service banking facilities across the globe.

- Execute Configuration Changes
- Schedule Updates
- Run System Diagnostics

System Activity, Audit Trails and User Logs are retained in a protected central database to support investigative access of card activity, database changes and controller uploads/downloads. ACS-1EUL controllers can be updated daily, weekly, monthly, annually, on demand or in scheduled batch modes.

The ACS Enterprise® Multi User Software has a Tiered License Structure to support banks ranging from small community banks to regional institutions and large multinational financial service & holding companies. Single Site Tech License Software is required – it supports field tech servicing and can also be used to manage one branch as a stand-alone location.

Controller/Reader Supervision Software:

**AFH**
Audit Trail – Firmware – Health Check Service
- Collect and store all controller Audit Trail Events
- Verifies controller firmware/ software
- Verifies reader reliability in terms of average daily card reads

**AXSVIEW**
Message Transceiver Service
- Receives controller status messages
- Forwards controller status messages to Parabit’s EMR or 3rd party central station monitoring
- Generates message logs

**EMR**
Event Message Receiver
- Generates email notification of critical events to programmed email addresses and groups
- Displays real time updates of system health and detection alerts
- Provides event details including controller, IP address, time received, time sent
- Event descriptions can be customized