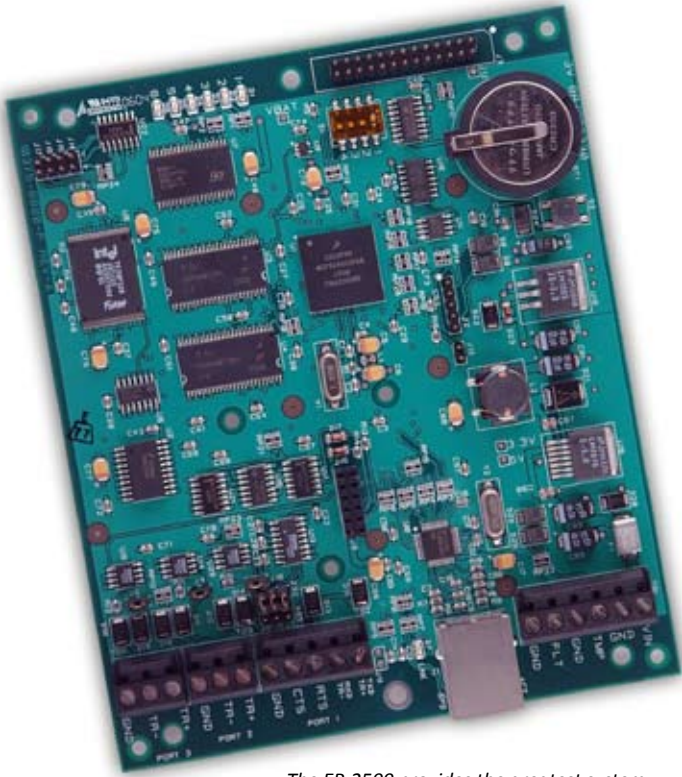


RS2 Technologies

a family of access management hardware solutions

EP-2500



The EP-2500 provides the greatest system capacity within RS2's family of System Control Processors.

The EP-2500 includes these features:

- Communication options include serial, dial-up, or TCP/IP, with capability for secondary Ethernet communication
- Available in a standard 12 MB memory configuration
- Two RS-485 downstream channels
- Support for up to 64 reader/input/output I/O panels
- Card capacity up to 395,000 cards
- 50,000-event storage capacity
- "If.../Then..." type macro capability
- Flash firmware capability for easy field upgrades
- Support for up to 8 different card formats/technologies
- Onboard lithium battery for RAM backup and tamper/power failure status monitoring
- Fault-tolerant communications capability
- Alarm keypad support
- UL 294, CE, RoHS, HSPD-12/FIPS 201

RS2 Technologies has developed an integrated family of access management hardware that can be configured to meet a wide variety of applications. It is built around our workhorse System Control Processors, which are 32-bit microcontroller-based units that are scalable from 512 KB to 12 MB, making them a cost-effective solution for very small to very large systems.

EP-2500 System Control Processor

The EP-2500 System Control Processor is an enhanced version of our popular EP-1502 model. It stores its own database as well as all schedule information, including unlock/relock times, access times and holiday information. It also supports precision card access, elevator access control, extended door unlock/allowed open timing (ADA required), and includes a full range of anti-passback capabilities.

The EP-2500 features AES 256-bit NIST Certified Encryption, and is UL 294 recognized, CE (RoHS) compliant, and HSPD-12/FIPS 201 compliant. It supports up to 8 active card formats (including Wiegand, magnetic stripe, OSDP and biometric) as well as card, PIN, and biometric access verification. It is PIV-II, CAC, and TWIC card compatible.

Application Note

The EP-2500 provides the greatest system capacity within RS2's family of System Control Processors. The EP-2500 offers significant value in systems where high-end capabilities are required, including high device counts, large numbers of readers and a high volume of system activity.



