

MASTER UNIT 200

Access Control

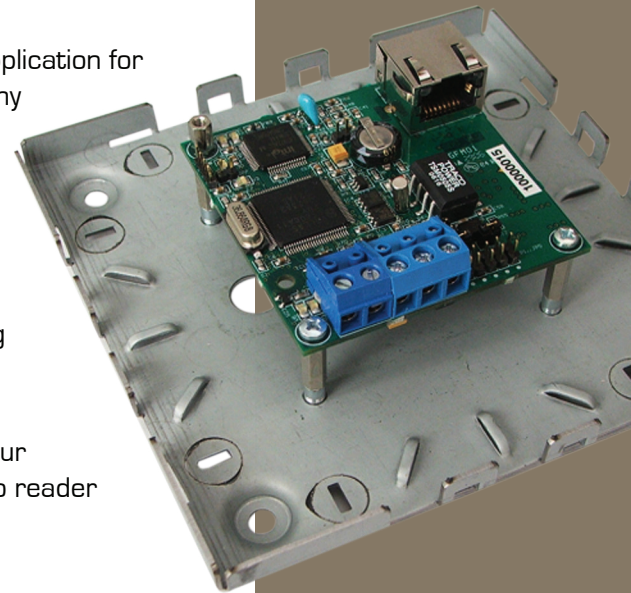
OVERVIEW

The Web-based Master Unit 200 includes an embedded access control application for system administration, user setup and event viewing that is accessed via any standard Web browser over a 10/100 Mbps Ethernet network.

The Master Unit 200 controls up to four e-DATA biometric readers (Fingerprint Key) or eight Wiegand readers when configured with required Door Unit modules. The flexibility of a modular design while supporting local power to connected readers makes the Master Unit 200 easy to install.

The Master Unit 200 supports all standard access control readers utilizing an RS485 and Wiegand data connection through connected Door Units.

Supporting RS485 communication with Door Units, the Master Unit 200 provides a scalable solution by simply adding additional Door Units. Up to four Door Units connect to a Master Unit 200 module with each supporting two reader connections for a total of eight readers.



STANDARDS SUPPORT

The Master Unit 200 was developed around open standards supporting XML data format, SOAP support for easy XML-based message integration and platform-independent Java application software. The integrated Web server and embedded access control application allow for easy access and setup via any standard Web browser. This eliminates the need for traditional PC-based servers and client-side administration software while providing a powerful and economical hardware controller solution.

FEATURES

- Up to eight readers (four biometric)
- 10/100 Mbps Ethernet connection
- Embedded access control application software
- Administration through standard Web browser
- RS485 communication with Door Units
- Optional events transfer to FTP server with Network Attached Storage (NAS)
- Built-in Web server
- Universal plug and play (UPnP)
- SOAP Web Service support
- Local 500 users/5,000 events
- Supports all standard readers

EASY TO USE

To access the embedded access control application, you simply select a network-connected Master Unit 200 under Network devices within Windows (UPnP) or type in the IP address of an MU200 directly into any Web browser, log in to the system and the application menu is displayed. The Master Unit activity tables are easily accessed via the Web interface. All activity such as access requests and system events are stored in an XML events log.

COMPATIBILITY

The Master Unit 200 supports all standard access reader types:

- Fingerprint Key (e-DATA Biometrics)
- HID proximity
- HID iCLASS
- AWID
- Legic
- Mifare
- EM
- Hitag
- Smart card
- ISO 15693/
- ISO 14443A



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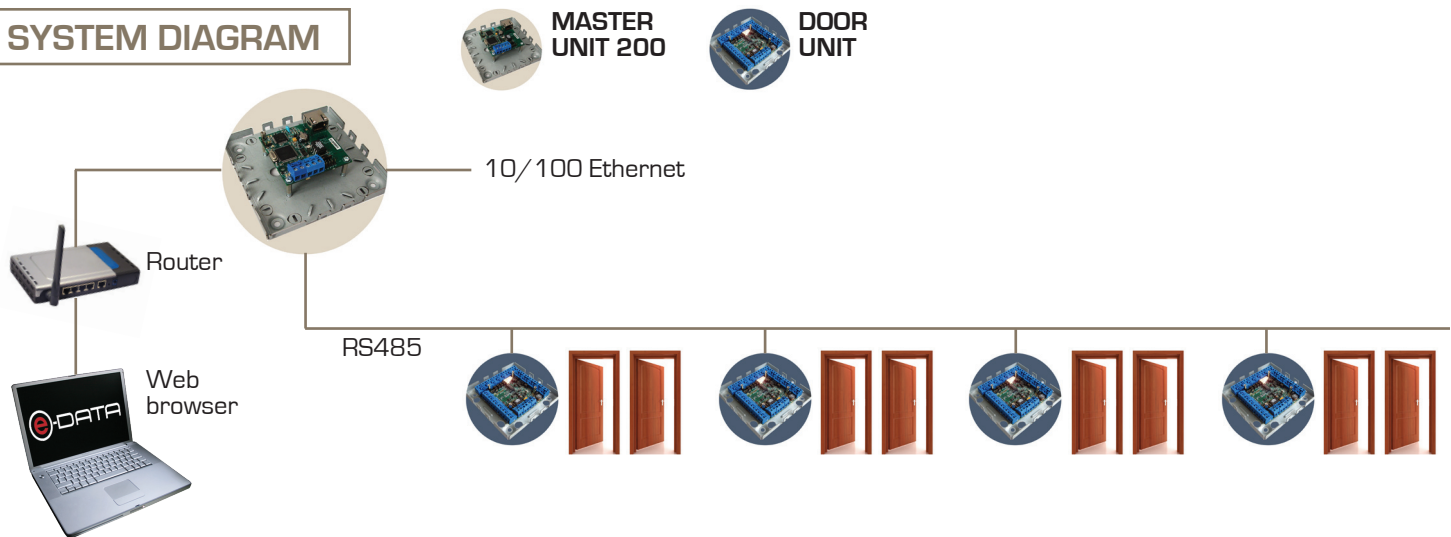
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SPECIFICATIONS

External readers	Fingerprint Key (e-DATA Biometrics), HID, AWID, Legic, Mifare, EM, Hitag, SC ISO 15693/ISO 14443A
Internal readers	Legic
Access points	Up to 8 readers (4 biometric)
Protocols	TCP/IP, DHCP, TFTP, ICMP, IPv4, IPv6, HTTP, FTP, SNMP
Mechanical	Metal mount plate with plastic snap cover (standard) // Rear, side cover access for cable connections Mounts in standard third-party locking enclosures
Installation	Environmentally controlled areas
Power	Input: 12 to 24V DC (24V DC recommended) // Load: 190 mA @12V DC
Dimensions	4.7 x 4.7 x 1.5 in (120 x 120 x 40 mm) with enclosure
Packaged weight	.65 lb (295 g)
Operating temp.	32 to 104° F (0 to 40° C)
Relative humidity	0 to 85%, non-condensing
Master Unit Interface	Controller: Ethernet 10/100 Mbps, 1 x RS485 (Door Unit channel), USB Expansion Bus
Door Unit Interface*	DC Power: 12 to 24V DC in, 2 x 12V DC out to readers *See supported Door Unit specification for details

SYSTEM DIAGRAM



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e-DATA CERTIFICATIONS/AFFILIATIONS

