

MASTER UNIT 524

Access Control

OVERVIEW

The Web-based Master Unit 524 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 524 supports from one to 24 readers using supporting Door Units. The flexibility of a modular design while supporting local power to connected readers makes the Master Unit 524 easy to install.

The Master Unit 524 supports all standard access control readers utilizing an RS485 and Wiegand data connection through connected Door Units.

Supporting RS485 communication between modules, the Master Unit 524 provides a scalable solution by simply adding additional Door Units. Up to 12 Door Units connect to a Master Unit 524 module with each supporting two reader connections for a total of 24 readers. Up to four Master Units can communicate in a cluster configuration providing for expansion and administration of up to 96 readers.

STANDARDS SUPPORT

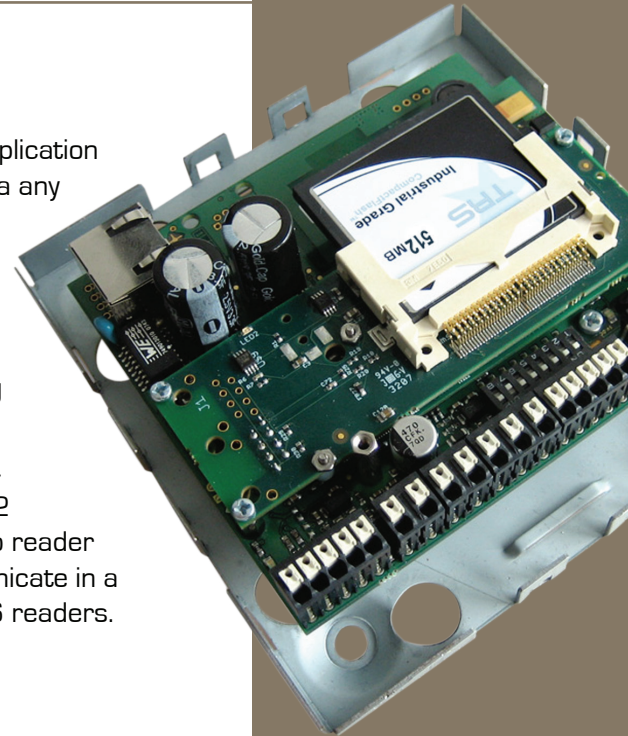
The Master Unit 524 was developed around open standards supporting SOAP/REST Web Service communication for easy integration, XML data format and platform-independent Java application software. The integrated Web server and embedded access control application allow for easy access and setup via any Web browser. This eliminates the need for traditional PC-based servers and client-side administration software.

FEATURES

- Up to 24 readers locally, 96 readers clustered
- Access and system status reporting
- 10/100 Mbps Ethernet connection
- Embedded access control application software
- Administration through standard Web browser
- RS485 communication with Door Units
- Upload configuration and events data to FTP/SCP host
- Built-in Web server
- Alert notification via e-mail
- Universal plug and play (UPnP)
- SOAP/REST Web Service support
- Local 30,000 users/40,000 events
- Supports all standard readers

EASY TO USE

To access the embedded access control application, you simply select a network-connected Master Unit 524 under Network devices within Windows (UPnP) or type in the IP address of an MU524 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 524 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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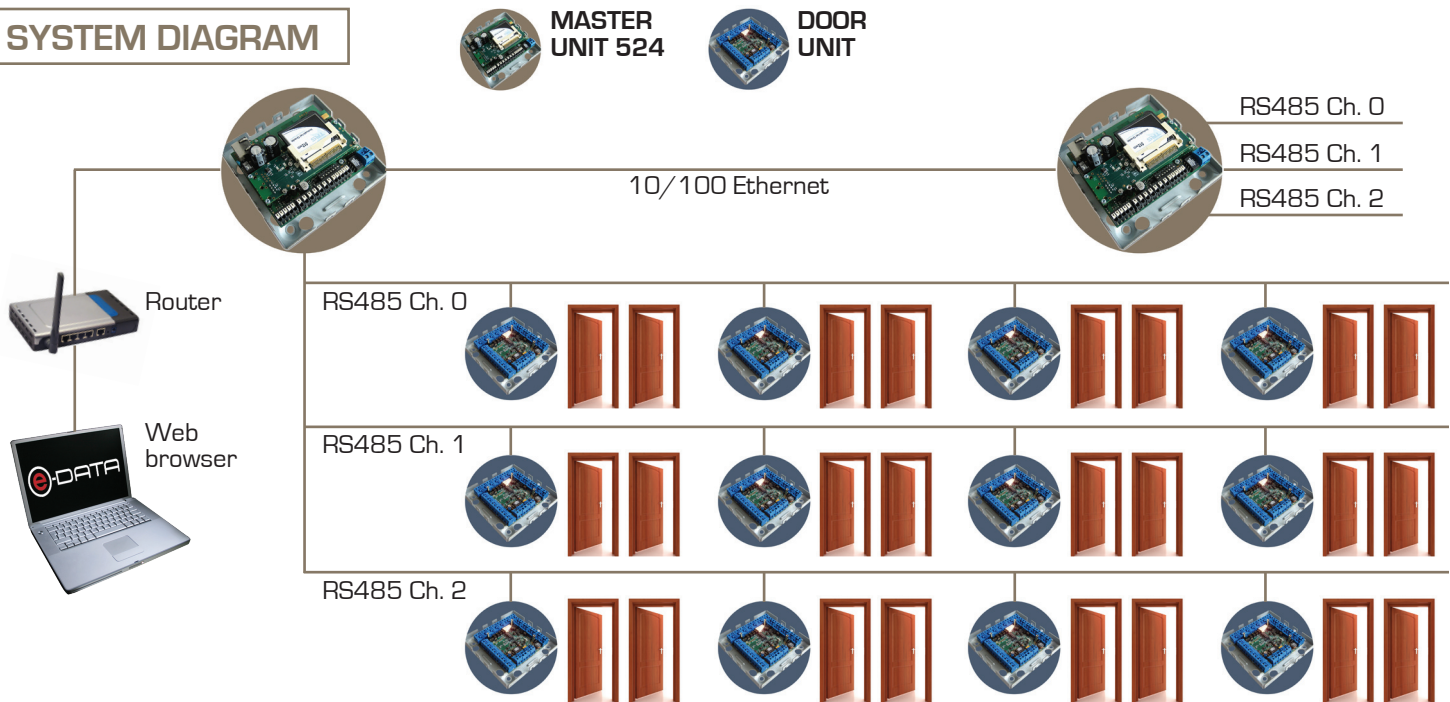
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SPECIFICATIONS

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 24 readers locally, 96 readers clustered
Protocols	TCP/IP, DHCP, TFTP, ICMP, IPv4, HTTP, HTTPS, SSL, 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: 250 mA @12V DC
Dimensions	4.7 x 4.7 x 1.5 in (120 x 120 x 40 mm) with enclosure
Packaged weight	.80 lb (363 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, 3 x RS485 (Door Unit channels), 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



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