

SINGLE DOOR UNIT

Biometrics

OVERVIEW

The Single Door Unit features all the security benefits of biometric access control, only in a simple standalone, non-networked module that's designed for one entry point. The data management and enrollment are handled with ease right at the required Fingerprint Key biometric reader without any PC connection.

By simply placing an enrolled finger at the Fingerprint Key, a user will gain authenticated access in less than one second without keys or access cards. For visitors, keypad PIN access can be granted. Plus, the Fingerprint Key is rated for indoor and outdoor use.

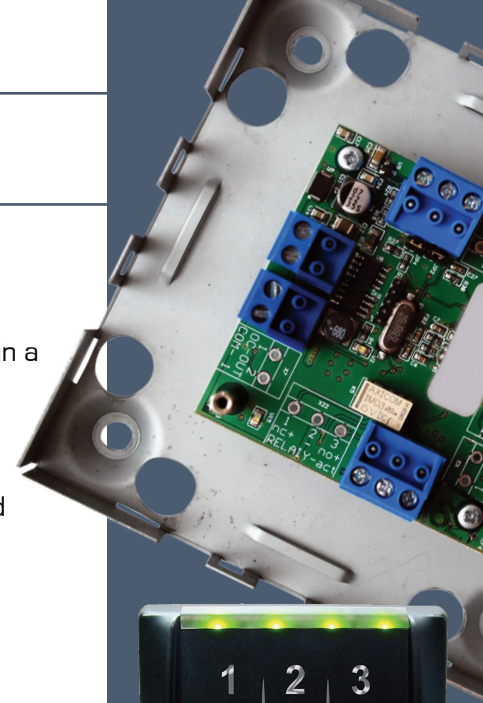
Just like e-DATA's online, networked systems, the applications are all embedded and require no software or servers. That makes installation easy with no certification necessary. Migration to e-DATA's multidoor, Web-based solution is seamless.

FEATURES

- Supported Fingerprint Key stores 50 user templates
- Sleek, compact reader (single-gang mount)
- Standalone, non-networked module; no PC needed
- Three color options for reader: black, white, silver
- NEMA 4, IP65-rated reader
- Works with low-voltage power
- Scalable using existing reader
- Simple wiring, installation

ENDLESS APPLICATIONS

The Single Door Unit is the perfect solution for any residential or commercial application, including doors, gates, garages, warehouses, wine cellars, gun safes, jewelry cabinets, data rooms, remote sites and second properties. And it's not just for homes or offices but also schools, restaurants, banks, retail and healthcare industries.



COMPATIBILITY

The **Single Door Unit** supports one required **Fingerprint Key** (e-DATA Biometrics) reader through RS485 communication.



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866.807.3549

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SPECIFICATIONS | CONTROLLER

Reader	Fingerprint Key (e-DATA Biometrics), 1 maximum
Access points	1
Events	None (non-networked/offline module with embedded access software)
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: 20 mA + current of connected reader @12V DC
Dimensions	4.7 x 4.7 x 1.5 in (120 x 120 x 40 mm) with enclosure
Packaged weight	1.5lb (680 g): Single Door Unit + Fingerprint Key
Operating temp.	32 to 104° F (0 to 40° C)
Relative humidity	0 to 85%, non-condensing
Interface	Readers: 1 x RS485 // 1 x input, 1 x relay // DC output (readers): 1 x 12-24V DC

SPECIFICATIONS | READER

Credentials	Fingerprint biometric, PIN
Templates	50 user storage capacity
Search modes	1-to-many identification
Response/reads	Enrollment <= 1 sec // Identification <= 1 sec // FAR & FRR = Adjustable
Fingerprint sensor	Thin optical sensor, 500 dpi @ 8-bit per pixel, .55 x .87 in (14mm x 22mm) active area
Mechanical	NEMA 4 IP65-rated, resin-sealed hard plastic enclosure, single-gang mount, metal mounting plate
Installation	Indoor/outdoor
Power	Input: 12 to 24V DC (24V DC recommended) // Max.: 420 mA @12V DC // Idle: 120 mA @ 12V DC
Dimensions	4.7 x 2.4 x 1.8 in (120 x 60 x 45 mm)
Operating temp.	32 to 122° F (0 to 50° C)
Relative humidity	0 to 95%, non-condensing

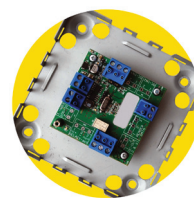
SYSTEM DIAGRAM



SINGLE DOOR UNIT



FINGERPRINT KEY



RS485



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e-DATA CERTIFICATIONS

