

db Bus

ADVANCED TECHNOLOGY DELIVERS CABINET SECURITY WITH A WIDE RANGE OF AUTHENTICATION OPTIONS

The db Bus access control system saves cost by eliminating the need for a controller, network point and power supply at each cabinet. A sophisticated bus architecture distributes fail-safe signals and electrical power from a single controller to up to 64 cabinet door locks. The db Bus offers multiple options for authentication either at the cabinet or at the end of a row of cabinets.

PHYSICAL

db Bus Controller

- Dimensions: W7 1/2 x D5 x H1 1/4

db BioLock

- Lock Dimensions: Fits most 25 x 150 mm openings

db CardLock

- Lock Dimensions: Fits most 25 x 150 mm openings

db iCardLock

- Lock Dimensions: Fits most 25 x 150 mm openings

db ELock

- Lock Dimensions: Fits most 25 x 150 mm openings

AUTHENTICATION

At the cabinet

- Independent biometric or card locks on the front and back doors of a cabinet
- Biometric or card lock on the front door, simultaneously unlocks front and back doors

AUTHENTICATION

At the end of a row of cabinets

The db Enline unit allows a user to specify which cabinet they are attempting to access, then provide up to three credentials to authenticate.

db Enline features

- Finger Sensor: capacitive n
- LCD: 2 x 16 character lines
- LED Indication: Tri-Color
- Keypad: 12-Key steel matrix
- HID iClass 13.56 MHz smartcard reader or HID compatible 125 KHz proximity reader

TECHNICAL SPECIFICATION

- Input Power: 48V DC, 4.6A
- Current Draw (with no Bus Devices): 20 mA @ 48V DC
- Bus Power: 48V, maximum current 4.167A
- Operative Temperature: 32°F-158°F (0°C-70)

ENROLLMENT

- Enrollment Time: < 5 seconds
- Identification Time (1-1): < 1 second
- Identification Time (1-N): < 1 second/1,000 users
- EER Rate: <0.1%
- Security Levels: 3

MEMORY STORAGE

- User Capacity: 9,500
- Fingerprint Template Size: 384 bytes
- Log Capacity: 60,000 events
- Finger Sensor Type: capacitive with fake finger detection
- db CardLock Reader Type: 125KHz HID compatible
- iClass Card Reader: 13.56 MHz HID compatible

ARCHITECTURE

- Single Ethernet connection to bus controller
- Single 48V power-supply to bus controller
- Bus controller provides power and data signals to all devices
- Control 64 doors from a single bus controller

GENERAL FEATURES

- Managed with Digitus' DAS-SQL software
- Indisputable audit trail
- One-click lockdown of system
- Restrict access times
- Duress activated alert (fingerprint door locks only)
- Anti-tamper security
- Forced/propped door detection

	db BioLock	db CardLock	db iCardLock	db Enline
Security Layers	Biometric	Card	iClass Cards	PIN, Biometric, RFID (optional 13.56MHZ/125KHz)
User Capacity	9,500	9,500	9,500	9,500
Operation Mode	Ethernet Networked	Ethernet Networked	Ethernet Networked	Ethernet Networked
# of Fingers Enrolled Per User	Up to 10 (with 2 Duress)	N/A	N/A	Up to 10 (with 2 Duress)
Verification/Identification	Identification	N/A	N/A	Both

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