db BUS

Advanced Technology Delivers Cabinet Security with a Wide Range of Authentication Options

The db Bus access control system saves costs 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: choose where the authentication takes place, either at each cabinet door or at the end of a row of cabinets. For cabinet level authentication, choose any of the Digitus intelligent handles. For end of row authentication, the user enters which cabinet door they are attempting to access, then inputs any combination of PIN, RFID and fingerprint to authenticate.

KEY PRODUCT FEATURES

Bus architecture principles allow the db Bus access control platform to provide power and an Ethernet connection for as many as 64 locks on cabinet doors.

- 100% secure access control for server cabinets
- Time-tested technology in a reduced footprint
- Flexibility to work with all of the Digitus handles
- As-needed cabinet access deters data/equipment theft
- Centralized administration of up to thousands of units

TECHNICAL SPECIFICATIONS

AUTHENTICATION OPTIONS:

- At the cabinet
  - Independent intelligent handles on the front and back doors of a cabinet
  - Intelligent handle on the front door simultaneously unlocks front and back doors
- At the end of a row of cabinets, the db Enline unit allows a user to specify which cabinet they are attempting to access before providing up to three credentials to authenticate.

db ENLINE FEATURES

- Finger Sensor: Capacitive
- LCD 2 x 16 Character Lines
- LED Indication: Tri-Color
- Keypad: 12-Key Steel Matrix
- iClass, Mifare, DESFire, Seos, PIV (75 or 200 bit) and Prox Cards

POWER AND DRAW:

- 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
- Log Capacity: 60,000 Events

db BUS (CONTINUED)

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TECHNICAL SPECIFICATIONS

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 Lock-Down of System
- Restrict Access Times
- Duress Activated Alert (Fingerprint Door Locks Only)
- Anti-Tamper Security
- Forced/Propped Door Detection

DIMENSIONS:

db Bus Controller

- Height: 191 mm
- Width: 127 mm
- Depth: 32 mm

db ENLINE END-OF-ROW AUTHENTICATION OPTION

The db Bus system allows authentication to take place at either each cabinet or at the end of a row of cabinets. If end of row authentication is preferred, at least one db Enline reader is required. The db Enline reader allows a user to specify which cabinet they are attempting to access by identifying the cabinet by row/ cabinet/ door number. Once a valid cabinet has been entered, the user must then authenticate be presenting the required credentials, PIN/RFID card/fingerprint. If the credentials authenticate and the user has access to the specified cabinet, the cabinet door will unlock. The utilization of db Enline units on any db Bus system is very flexible. It's possible to have a reader installed at both ends of a single row of cabinets, or to have a single db Enline reader control multiple rows. The end of row authentication method can be used in conjunction with the db Elock or will work with existing electromechanical cabinet locks.

PART NUMBER:	DETAILS:
dbENLINE-2	db Bus End-of-row reader with fingerprint and PIN
dbENLINE-HF	db Bus End-of-row reader with fingerprint, PIN, and 13.56 MHz SmartCard Reader
dbENLINE-LF	db Bus End-of-row reader with fingerprint, PIN, and HID compatible 125 KHz Proximity Card Reader
dbENLINE-HFLF	db Bus End-of-row reader with fingerprint, PIN, and 13.56 MHz SmartCard/HID compatible 125 KHz Proximity Card Reader

db BUS ARCHITECTURE

db Bus Components