

dbServerRack

Server access control and security for mission critical operating environments



db ServerRack access control solutions deliver physical access control to mission critical IT rack cabinets within data centers/colocation, military, government, educational, healthcare and industrial environments. db ServerRack solutions are equally suitable for both new cabinets and as a retrofit for existing cabinets, and a typical installation takes less than an hour.

Available in a Zero-U configuration that doesn't consume rack space, or a 1U configuration that provides a neat and simple installation option and adds battery backup.

Features – dbServerRack

Two configuration options:

- A. A single fingerprint sensor can provide simultaneous access to front and rear door of the cabinet.
- B. Separate fingerprint sensors on the front and rear cabinet doors, providing independent access to each door.
- Status LEDs on the front of the control unit
- Integrated electromechanical cabinet lock
- Up to 8 external sensors to monitor cabinet doors, locks and panels
- RJ45 connector for networking

Performance

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

Enrollment and Monitoring

- Done via Digitus DAS-SQL Software

Communication

- Protocol: TCP/IP over Ethernet
- Inputs: 2 Door Sensors, 2 Lock Sensors, 4 Tamper Switches
- Outputs: 2 Door Lock Relays, Alarm Relay, 26-bit Wiegand

Memory Storage

- User Capacity: 9,500
- Template Size: 384 bytes
- Log Capacity: 60,000 events

Technical Specifications

- Control Unit Dimensions: W17 x D8 x H1 3/4 for 1U
- Control Unit Dimensions: W7 1/2 x D5 x H1 1/4 for Zero-U
- Lock Dimensions: Fits most 25 x 150mm opening
- Voltage: 18-22v DC
- Current Draw: Idle-520 mA; Max 650 mA (without lock)
- Operative Temperature: 32°F-158°F (05°C-70°C)

User Interface

- Finger Sensor: Capacitive with Fake Detection
- LED Indication: Tri-Color
- Lock Status LED



	Zero-U	1U
Rack Mounted Controller	No	Yes
Battery Backup	No	Yes
User Capacity	9,500	9,500
Single or Dual Fingerprint Capability	Yes	Yes