

Networked access control for managing, monitoring and reporting

db Nexus is the networked version of the Digitus access control product line. In conjunction with Digitus' DAS-SQL software, db Nexus units can be controlled and managed from a single location, allowing units to be anywhere in the world. db Nexus is available in either a two or three credential format. The db Nexus II uses a fingerprint and PIN. The db Nexus III uses a fingerprint, RFID Card and PIN.

Physical

- Dimensions (W x H x D) 7.5" X 5.2" X 2.2" (19.1cm x 12.2cm x 5.6cm)
- Weight: 1.2 lbs (549g)

Technical Specification

- Voltage: 18-22v DC
- Current Draw: Idle-520 mA; Max 650 mA (without lock)
- Operative Temperature: 32°F-158°F (0°C-70)

User Interface

- Finger Sensor: Capacitive
- LCD: 2 x 16 Character Lines
- LED Indication: Tri-Color
- Keypad: 12-Key Steel Matrix
- HID iClass 12.56 MHz Contactless Reader (db Nexus III only)

Enrollment

- Enrollment Time: < 5 seconds
- Verification 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
- Template Size: 384 bytes
- Log Capacity: 60,000 events
- Sensor Type: Capacitive with Fake Finger Detection

Communication

- Network Protocol: TCP/IP over Ethernet
- Inputs: Fire Panel, Door Sensor, Request to Exit Switch
- Outputs: Door Lock Relay, Alarm Condition Relay, 26Bit Wiegand output

Features

- Indisputable Audit Trail
- One-Click Lockdown of System
- Restrict Access Times
- Duress Activated Alert
- Anti-Tamper Security
- Forced/Propped Door Detection
- Fire Panel Integration
- 16-Hour Battery Backup

Enrollment and Monitoring

- Done via Digitus DAS/SQL Software



"From one office, I can now constantly monitor who has accessed which areas, and when. I can instantly administer privileges for any secure access point."

David Loiacono

Information Management & Office/Network Administrator
Fort Stewart & Hunter Army Airfield

	db Nexus II	db Nexus III
Security Layers	PIN & Biometric	PIN, Biometric & RFID
User Capacity	9,500	9,500
Operation Mode	Ethernet Networked	Ethernet Networked
# of Fingers Enrolled Per User	Up to 10 (with 2 Duress)	Up to 10 (with 2 Duress)
FIPS 201		Compliant
Verification/Identification	Both	Both