

DB-0

Wiegand to USB Data Bridge

Use building ID card readers to control access to a range of computing devices



Smart Connectivity Solutions

The Linkstream DB-0 Data Bridge is an easy to use adapter that allows RFID, Bluetooth and most other building access readers to connect to a range of office equipment. Bringing touchless access to printers, time and attendance terminals, parking access systems and more is now a snap.

The DB-0 sends ID badge data as keystrokes or emulates a serial port for instant connectivity without requiring programming. This makes for the simplest of integration with existing software such as spreadsheets, text applications, or other systems that take standard inputs.

The DB-0 supplies 5V USB power to the reader for a clean installation, and the 2-meter cable allows for simple pigtail connection to the reader.

SIMPLICITY: Simple functionality and easy integration with both reader hardware and PC software.

EASY INTEGRATION: Connect the reader to the cable and plug-in the USB connection to the PC. Most applications require no software programming.

STANDARD INTERFACE: The DB-0 can be configured to send keystrokes or emulate a serial port over USB for connectivity to almost anything.

COST EFFECTIVE: The DB-0 was designed as a cost effective solution for connecting ID readers using the industry standard Wiegand protocol. Use any RFID technology you like!

OEM SOLUTIONS: Linkstream products can be private labeled, and our core technology can be embedded directly into your product for a true OEM solution.

Sample Applications

- Time and Attendance
- Secure Print Access
- Parking Access Gates
- Gym Access
- EV Charging Stations
- Kiosks
- Computer Interfacing
- ID Badge Verification on the PC
- Manufacturing Equipment Access
- Data Collection Devices

Power Supply

Self-powered through USB interface. Also supplies 5V power to the card reader, up to 500 mA

Operating Temperature Range:

-35° to +80°C (-31° to +176° F)

Operating Humidity Range:

5% to 95% relative humidity, noncondensing

Packaging

USB Dongle with 2-meter pigtail cable

Dimensions

46mm L x 20mm W x 11mm H
(1.8" L x 0.8" W x 0.425" H)

Orderable Part Numbers:

DB0-022017

Wiring Diagram

| Linkstream Converter | Reader |
|----------------------|--------------------|
| Green ----- | Wiegand Data 0 |
| White ----- | Wiegand Data 1 |
| Red ----- | Reader Power +5VDC |
| Black ----- | Ground |
| Shield ----- | Shield |

FC CE CAN ICES-003(B) / NMB-003(B)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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