Wireless Systems

Access Control Wireless Kits

2361 Baseboard Kit
The DKS 2361 baseboard kit provides wireless data communication from the DKS access controller (1833, 1835, 1837, 1838) to a remote access device using a 2361 expansion board equipped with the 1489 wireless kit.

1489 Expansion Board Kit
The 1489 expansion board kit provides wireless data communication from a remote access device (card reader, keypad, etc.) using a 2361 expansion board equipped with the 1489 wireless kit.

2364 Repeater
The optional wireless repeater can be used to extend the range between the access controller and the remote access device.

Antennas
The 1489 and 2361 wireless kits include both a vandal resistant dome antenna and a longer range 6-inch antenna. The choice of antennas to use will be dependent on the specific application and the distance between the access controller and the remote access device.

NOTE: Due to the nature of wireless communications, transmission and reception of data can never be guaranteed. Data may be delayed, corrupted (i.e., have errors) or be totally lost. Although significant delays or losses of data are rare when wireless devices are used in a normal manner with a well-constructed network, DoorKing wireless products should not be used in situations where failure to transmit or receive data could result in damage of any kind to the user or any other party, including but not limited to personal injury, death, or loss of property. DoorKing, Inc. accepts no responsibility for damages of any kind resulting from delays or errors in data transmitted or received using DoorKing wireless products, or for failure of DoorKing wireless products to transmit or receive such data. Do not operate DoorKing wireless products in areas where cellular modems are not advised without proper device certifications. These areas include environments where cellular radio can interfere such as explosive atmospheres, medical equipment, or any other equipment which may be susceptible to any form of radio interference. DoorKing wireless products can transmit signals that could interfere with this equipment.

See our wireless system in action on doorking.com/wirelessvideos

WIRELESS ACCESS CONTROL SYSTEMS

Residential • Apartment/College Residence Halls • Gated Communities • Mixed Use Buildings
Commercial/Industrial • Parking • Self Storage • Maximum Security
Wireless Systems

**2361 Baseboard Kit**
- The 2361 baseboard kit provides wireless data communication from the DKS access controller (1833, 1835, 1837, 1838) to a remote access device (card reader, keypad, etc.) using a 2358 tracker expansion board equipped with the 2361 wireless kit.

**1489 Expansion Board Kit**
- The 1489 expansion board kit provides wireless data communication from a remote access device (card reader, keypad, etc.) using a 2358 tracker expansion board equipped with the 1489 wireless kit.

**2364 Repeater**
- The optional wireless repeater can be used to extend the range between the access controller and the remote access device.

**Antennas**
- The 1489 and 2361 wireless kits include both a vandal resistant dome antenna and a longer range 6-inch antenna. The choice of antenna to use will be dependent on the specific application and the distance between the access controller and the remote access device.

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Key Features
• Wireless Baseboard Kit plugs into the access controller and replaces the 1830 series circuit board — regardless of how old the system may be.

1. Wireless Compatibility
2. Simple Programming
3. Easy Installation
4. Secure
5. Up to 500 feet range

HOW IT WORKS
Wireless kits are used with DKS access controllers and tracker expansion boards to add access control points (up to 10) wirelessly!

Accessories

Wireless Access Control

1. Wireless Baseboard Kit
2. Wireless Tracker Expansion Board Kit
3. Repeater

Keypads
DKS Wiegand Keypads provide access control for virtually any application where digital code entry is desired.

Twist 2
Secure2.
Simple Programming1.
Compatibility

Range Tester
The handheld range tester is used on-site to check RF signal strength at the card reader or keypad. This testing can help in the design of the RF wireless system and help to decide whether repeaters will need to be used.

Keyfobs
245 Wiegand Keyfobs provide access control for uniquely encoded digital code entry is desired.

Card Readers
DVK Prox, AWID and HID Proximity card readers and cards.

Two Way

Antenna Kits
The DKS Antenna Kit provides a mounting bracket, 6-inch antenna and 10-foot cabling to install and mount the antenna.

Receivers and Transmitters
The DKS 8040 RF Receiver can be programmed to work with MicroPlus or MicroClik transmitters.

Wireless kits are used with DKS access controllers and tracker expansion boards to add access control points (up to 10) wirelessly!
HOW IT WORKS

Wireless kits are used with DKS access controllers and tracker expansion boards to add access control points (up to 16) wirelessly.

1. Compatibility
   - Wireless kits provide an RF link between the access controller and remote access devices.
   - Wireless kits can be used with any DKS 1833, 1835, 1837 or 1838 access controller.

2. Simple Programming
   - Wirelessly enter codes for new and existing users.

3. Easy Installation
   - Connect card readers, keypads and other devices to the access controller without the need for additional wiring.

4. Secure
   - RF signals are encrypted to provide a secure data link.

5. Up to 500 feet range
   - Use of a wireless board or a repeater can extend range to up to 500 feet.

Key Features
- 16 Channels, 16 Network IDs (256 unique settings) for secure communication.
- Pairing feature for added security.
- Adjustable RF signal strength.
- Signal loss meter.

Wireless Tracker Expansion Board RF Kit
- Repeater is used with the wireless system to provide for extended range.
- Range Tester: The hand-held range tester is used to check RF signal strength at the different access point locations.
- Keypads: DKS Wiegand Keypads provide access control for virtually any application where digital code entry is desired.
- Card Readers: DKS Reader 2364 is used with the wireless system.
- Receivers and Transmitters: The DKS 8040 RF Receiver can be programmed to work with MicroPlus or MicroClik transmitters.
- Antenna Kits: The 1514 Antenna Kit provides a mounting bracket, 6-inch antenna, and 13-feet of coaxial cable to remote mount the antenna.

Accessories
- 2361 Baseboard Kit plugs into the 1830 series controller main circuit board to provide the controller with a wireless wiegand connection.
- 1489 Expansion Board Kit plugs into the 2358 circuit board (shown) to provide the Tracker Expansion Board with a wireless wiegand connection.

Range Tester
- The hand-held range tester is used to check RF signal strength at the different access point locations.
- This feature can help in the design of the RF wireless system and help to decide whether repeaters will need to be used.

Card Readers
- DKS Reader 2364 is used with the wireless system.
- The DKS reader 2364 is a full line of DK Prox, AWID and HID Proximity card readers and cards.

Receivers and Transmitters
- The DKS 8040 RF Receiver can be programmed to work with MicroPlus or MicroClik transmitters.

Antenna Kits
- The 1514 antenna kit provides a mounting bracket, 6-inch antenna, and 13-feet of coaxial cable to remote mount the antenna.

Key Features
- 16 Channels, 16 Network IDs (256 unique settings) for secure communication.
- Pairing feature for added security.
- Adjustable RF signal strength.
- Signal loss meter.
- Troubleshooting LEDs.
- 30 and 31-bit wiegand devices are limited to 255 facility codes (or less), or choose "Ignore Facility Codes" when setting up the access controller in the DKS Remote Account Manager software.

Compatibility
- Install the wireless kits in the access controller and remote access devices.
- Power up the system and set the channel IDs. The system components will automatically link themselves!
**Key Features**

- **Simplifies expanding even older systems!** Wireless Baseboard Kit can be installed on any DKS 1833, 1835, 1837 or 1838 access controller with an 1830 series circuit board—or regardless of how old the system may be.
- **Add access control points without the need to run additional wiring.** DKS tracker expansion boards and Wireless Expansion Board Kits are compatible with almost any 26, 30 or 31-bit* wiegand device.
- **Repeaters can extend the RF range.**
- **Encrypted RF transmission.**
- **2.4 GHz spectrum.**
- **16 Channels, 16 Network IDs (256 unique settings) for secure communication.**
- **Pairing feature for additional security.**
- **Adjustable RF signal strength.**
- **Signal loss meter.**
- **Troubleshooting LEDs.**

*30 and 31-bit wiegand devices are limited to 255 facility codes (or less), or choose “Ignore Facility Codes” when setting up the access controller in the DKS Remote Account Manager software.

**How It Works**

Wireless kits are used with DKS access controllers and tracker expansion boards to add access control points (up to 16) wirelessly!