**WIRELESS BASEBOARD KIT**

This wireless baseboard kit provides wireless communication from the access control system to a wireless tracker expansion board(s). Use this kit ONLY on DoorKing: 1833, 1835, 1837 and 1838 multi-door access controller access control systems.

**Installation**

The wireless baseboard REPLACES the 14-pin auxiliary terminal on the access control system's board. The existing 16.5 VAC, 20 VA access control system's input power transformer is REQUIRED and is rewired to the 10-pin terminal #1-#2. Antenna is REQUIRED, see below for antenna options.

**Cabinet Mounted Dome Antenna Included**

(Vandal-resistant) The range is approximately 100 ft direct-line-of-sight. Install on top of the cabinet in the existing antenna mounting hole (remove plug).

**Important Antenna Note:** Antenna range WILL VARY GREATLY depending on individual setup (Antenna height above the ground, background signal interference, physical obstructions (trees, buildings etc.) and what antenna you choose). Adverse weather (rain) CAN also affect antenna range.

**Cabinet Mounted Dome Antenna Included**

(Vandal-resistant) The range is approximately 100 ft direct-line-of-sight. Install on top of the cabinet in the existing antenna mounting hole (remove plug).

**Important Antenna Note:** Antenna range WILL VARY GREATLY depending on individual setup (Antenna height above the ground, background signal interference, physical obstructions (trees, buildings etc.) and what antenna you choose). Adverse weather (rain) CAN also affect antenna range.

**External Antenna Options**

**Cabinet Mounted Longer Range Adjustable Antenna Included**

Range is approximately 500 ft direct-line-of-sight. Install antenna vertically as high as possible in free air above access control system.

**Range testing is HIGHLY recommended before FINAL installation.**

**Other Antenna Options**

**Cabinet Mounted Longer Range Fixed Antenna Kit**

Sold separately
Kit P/N: 1514-008
Range is approximately 200 ft direct-line-of-sight.
Install on top of the cabinet. Not vandal-resistant.

**Wireless Repeater**

Sold separately P/N 2364-080
The range is approximately 500 ft direct-line-of-sight with no signal interference or physical obstructions. May be necessary to increase the wireless communication range between the access control system and the tracker expansion board(s). See Repeater kit instruction sheet for more information.
**Important Notice**

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.

**Safety and Hazards**

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. Do not operate DoorKing wireless products in any aircraft, whether the aircraft is on the ground or in flight. In aircraft, DoorKing wireless products **MUST BE POWERED OFF**. When operating, DoorKing wireless products can transmit signals that could interfere with various onboard systems.

**Note:** Some airlines may permit the use of cellular phones while the aircraft is on the ground and the door is open. DoorKing wireless products may be used at this time.

The driver or operator of any vehicle should not operate DoorKing wireless products while in control of a moving vehicle. Doing so will detract from the driver or operator’s control and operation of that vehicle. In some states and provinces, operating such communications devices while in control of a vehicle is an offence.