



## Wireless Access

# Model GCK-101 & ECK-200

### Gate and Elevator Control Kits

#### Overview

All of the required components for gate and elevator access control are now prepackaged in convenient kit form. The Wireless Elevator Control Kits and Gate Control Kits provide access control at a fraction of the cost of traditional installations, and provide the major components in one easy-to-install package. The Kits are comprised of members of the Wireless Access product family, including a Wireless Reader Interface, Panel Interface Module and a Remote Antenna. A free power supply is also included in both Kits.

The GCK-101 kit eliminates the need for trenching for gate applications and the ECK-200 eliminates the need for traveling cables for elevator applications, reducing installation time and cost. Another benefit is disruption is reduced dramatically. As installation times are reduced, the workforce can get back to normal faster and, since trenching is eliminated, landscape, parking lots, and roadways are left intact.

These kits provide real-time access control and are compatible with all brands of access control panels. With a range of up to 1000 feet line of sight for gates, these are ideal for garages, parking lots, airports, utility companies and military bases. Optional antennas are also available to double or quadruple the range to 4000 feet line of sight. The elevator kit can support elevator shafts up to 1000 feet.

Kits include a PIM-TD2 panel interface module, WRI-OTD-12VDC wireless reader interface, remote antenna, and a free 595PI-12DC power supply.



#### FEATURES & BENEFITS

- Reduced install time
- Eliminate trenching to gates
- Eliminate traveling cables in elevators
- Real-time access control
- 2 reader inputs
- Weather-tight enclosure (NEMA 4x rated)
- Range of up to 1000 feet line-of-sight or 4000 feet with optional gain antennae
- Supports all reader technologies with Wiegand (data0/data1) or magnetic stripe (clock & data) outputs up to 255 bits (readers sold separately)

#### ORDER INFORMATION

GCK-101 Gate Control Kit

ECK-200 Elevator Control Kit

## FEATURES & BENEFITS

- Reduced installation time
- Eliminate trenching to gates
- Eliminate traveling cables in elevators
- Real-time access control
- 2 reader inputs
  - Gates: low mount for cars; high mount for trucks
  - Elevators: mount readers on the left and right side
  - Support multiple reader technologies
  - Not for in and out

- Weather-tight enclosure (NEMA 4x rated)
- Range up to 1000 feet line-of-sight or 4000 feet with optional gain antennas
- Supports all reader technologies with Wiegand (data0/data1) and magnetic stripe (clock & data) outputs up to 255 bits (readers sold separately)

## GATE CONTROL KIT (GCK-101)

### Eliminates trenching

The wireless gate control kit eliminates trenching to and from the gate, significantly reducing installation time, cost and disruption. The gate control kit includes a Wireless Reader Interface, Panel Interface Module, Outdoor Remote Antenna and power supply. Other required items: 12 VDC @ 300mA peak, regulated power supply – External reader(s)

### Optional Accessories for Gate Control Kit

<b>ANT-REM-IN</b>	Omni-directional, unity gain indoor Remote Antenna Module: Includes Antenna, 20 ft. coax and cable gland. Indoor use only.
<b>ANT-REM-I/O</b>	Omni-directional, unity gain indoor/outdoor Remote Antenna Module: Includes Antenna, 20 ft. coax, grounding kit and cable gland. Surge protection recommended for outdoor applications (call factory for details).
<b>ANT-REM-I/O+6DB</b>	Directional remote flat panel antenna with 6dB of gain: Includes 15' of 50 ohm coax cable with connector, capable of adding grounding kit. Optional mounts (MPAB3 or MPAB4) for aiming. A grounding kit required for outdoor applications.
<b>MPAB3</b>	Adjustable wall mount for ANT-REM-I/O+6DB
<b>MPAB4</b>	Adjustable mast mount for ANT-REM-I/O+6DB
<b>MGB+MCA5</b>	Grounding kit for outdoor use with ANT-REM-I/O+6DB
<b>593PI-12DC</b>	120VAC to 12 VDC plug-in transformer 1000mA

## ELEVATOR CONTROL KIT (ECK-200)

### Eliminates traveling cables

The wireless elevator control kit eliminates traveling cables to and from the elevator, significantly reducing installation time, cost and disruption. The elevator control kit includes a Wireless Reader Interface, Panel Interface Module, Indoor Remote Antenna and power supply.



## SPECIFICATIONS

### Panel Interface Module

<b>Certifications:</b>	FCC Part 15 certified, RSS-210 Industry Canada approved, UL 294 certified
<b>Supply Voltage:</b>	7.5 to 14.0 VDC at 300 mA peak, UL approved
<b>Frequency Range:</b>	902 MHz to 928 MHz license-free band in U.S. and Canada 15 discrete channels to select from
<b>Transmission Type:</b>	Encoded Direct Sequence Spread Spectrum
<b>Data Rate:</b>	62.5 Kbps max, half duplex
<b>Inputs:</b>	Door Strike - senses access control panel strike relay Enclosure Rating NEMA 1, 4, 4X Rated
<b>Operating Temperature:</b>	-35°C to +66°C
<b>Operating Humidity:</b>	20% RH to 95% RH (non-condensing)
<b>Weight:</b>	1.75 lbs
<b>Dimensions:</b>	7.1 in. x 10 in. x 3 in.

### Wireless Reader Interface - Outdoor

<b>Certifications:</b>	FCC Part 15 certified, RSS-210 of Industry Canada approved, UL 294 certified
<b>Frequency Range:</b>	902MHz to 928MHz license-free band in U.S. and Canada 15 discrete channels to select from
<b>Transmission Type:</b>	Encoded Direct Sequence Spread Spectrum
<b>Data Rate:</b>	62.5Kbps max, half duplex
<b>Verification Time:</b>	Less than 0.10 second (not including panel delays)
<b>Enclosure Rating:</b>	NEMA 1, 4, 4X Rated, outdoors
<b>Contacts:</b>	2 Form C relays Strike Relay: 6A @ 24VDC or 120VAC 3A @ 240VAC, Resistive Auxiliary Relay: 2A @ 28VDC 0.5A @ 120VAC, Resistive
<b>Power Supply:</b>	Regulated 7.5 to 14.0VDC at 300mA peak, UL approved
<b>Operating Temperature:</b>	-35°C to +66°C (-31°F to +150°F)
<b>Operating Humidity:</b>	20% RH to 95% RH (non-condensing)
<b>Weight:</b>	8lbs (3.63 kg)
<b>Dimensions (Overall):</b>	8.7in x 6.94in x 4.5in (220mm x 176mm x 140mm)

Requires External Reader(s), Status Switches and Power Supply

