



# ANT-KIT-LMR200-6dBi

## External Antenna Kit



### Quick Reference

- Installation Instructions
- Wiring Instructions

Read and follow all UL and Safety Standards before installing. Refer to the manual and qualified personnel for assistance. DO NOT install this device unless all entrapment and pinch points are eliminated.

Revision A



### INSTALLING THE ANTENNA:

This product is a wireless device and location of the antenna and each sensor will have a significant effect on the performance and radio range:

1. Locate the antenna in a direct line of sight . Do not mount the antenna behind pickets, gate posts, columns, or other objects that will not allow for it to have a clear line of sight to each sensor (inside and outside).
2. Mount the antenna as high as possible. The higher the antenna, the better angle it will have to each sensor.
3. Mount the antenna vertical (pointing upward). If the antenna is mounted sideways, bend the antenna so it is pointing upward.
4. **Make sure the blue radio chip on the AP100 is plugged in completely after connecting the cable.** Sometimes the cable can cause the radio chip to pull out.
5. If two antenna kits are required to have a clear line of sight to all sensors, an Antenna RPSMA T-Connector is available.

#### Correct:

Line of sight is clear of the gate.

#### Incorrect:

Line of sight is through the gate.



### WARNING!

- Protect against all pinch & entrapment points. **If entrapment points are not protected, DO NOT install this product.**
- This device is intended for vehicular traffic only. Keep all pedestrian traffic including bicycles away from any vehicular gate.
- This product is a wireless device and subject to occasional communication failures. Therefore proper safety photo beams and safety edges must be used in conjunction with the system.