

APPLICATION NOTE

LZR-H100: SHADOW LOOP SOLUTION

The purpose of this document is to define the procedure for using an LZR-H100 as a shadow loop. The scope of this document is limited to use of the LZR-H100 in swing gate applications.

What is a shadow loop?

A shadow loop prevents gate movement when a stopped car has been detected within the path of the swing gate.

MOUNTING INFORMATION

In a shadow loop application, an additional LZR-H100 sensor is required.

The most important aspect of the designated "shadow loop" sensor is the <u>positioning and direction of</u> the detection field.

See the three images below for the "shadow loop" sensor positioning (refer to sensor #3).

RECOMMENDED SENSOR CONFIGURATION

Alternative Sensor Configuration



WIRING INSTRUCTIONS

The following wiring diagram is only for the "shadow loop" sensor.

The other sensors may be wired as directed in the LZR-H100 User's Guide (75.5984).





