ORC GTRX – Gate Receiver

**ORC GTRX** Gate receiver allows gate transmitters (433Mhz) to connect with an existing Access Control System.

Using Wiegand communication simply add the ORC-GTRX unit directly to an input to allow 433 Wireless transmission to be read by the IP Controller (ORC-4DC)

ORC-ACS1 module may be required on the Access control software suite.

**2-WAY (Entry / Exit) using one receiver**

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Install the ORC GTRX close to the gate using 12V from the IP controller. Ensure the D0 D1 transmission for Wiegand is within the guide parameters. Add a user to the software suite. Authorise the user for the relay dedicated to the Receiver. Add the Wireless Key number into the users credentials.

When the button is pressed on the Transmitter (ORC-GTTX-) a signal will be sent to the Receiver. If the information is correct and the user is authorised then the relay will activate on the IP controller. This command will be sent to the Gate controller to open the gate.

**2-WAY (Entry / Exit) using two receivers**

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This design is used when separate access is required to Enter and Exit. The software will record Enter and Exit on different commands. Reader 1 will activate relay 1 (Enter), reader 2 will activate relay 2 (exit)

The user will press button 1 to Enter and button 2 to Exit.

Note: If using extension aerials they must be presented away from each other.

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| Card readers： | 4 pcs （WG card reader\HID\Motorola or other wiegand communication device） |
| Alarm output： | 1 pc（1－65535 sec.） |
| Alarm input： | 1 pcs |
| Fire alarm output： | 1 pc |
| Fire alarm input： | 1 pc |
| Release button： | 4 pcs |
| Door sensor input： | 4 pcs |
| Lock output： | 4 pcs |