IP Based
Video Surveillance
RFID and Biometric Access
Control and Time&Attendance Systems

http://www.securitybulgaria.com	Tel 02/ 9208666	Sofia, Bulgaria
e-mail: info@securitybulgaria.com	Fax 02/ 9208665	128A D. Petkov blvd.

Wiegand_Output_Radio_Reader

Specification:

- Dimensions, mm: 60/42/28
- Power: 12V DC
- Current consumption: <=12mA
- Frequency of transmission: 433MHz
- Transmission distance: 30 m
- Transmission power: 10mW

Wiegand Output Radio Reader **-electrical connection :**
1. Power the Wiegand Output Radio Reader :
- Connect the black wire to Ground
- Connect the red wire to 12V DC

2. **Wiegand coupling**
- Connect the white wire of the Wiegand Output of Radio Reader to the D1 input of the controller
- Connect the green wire of the Wiegand Output of Radio Reader to the D0 input of the controller

Mode of operation

The operating modes are determined by using switching jumpers. Switching jumpers are located on the PCB under the cover.The module has two operating modes, which are set via jumpers. In one mode, the two buttons transmit different numbers, while in the other mode, both buttons generate the same number.

    1. When the jumper is placed in position '1' - first button on the transmitter emits the first code, second button on the transmitter emits the second code.

    2.When the jumper is placed in position '2' - the first and second button activates the transmission of a single number from the transmitter (not in use).

    3. When the jumper **is placed in position '3'**-first and second button activates the transmission of a single number from the transmitter, but when we press the first button on the transmitter after the number is added 4-digit code 0001. pressing the second button after the number of the transmitter is added 4-digit code 0002.

LED STATUS

Reader condition	LED STATUS
Initial start	*Led blinks and then switches off*
Wiegand_Output_Radio_Reader transmitted code to the control system	*Led blinks ones and then switches off*
Wiegand_Output_Radio_Reader expects to receive code	*Led is off*

Wiring diagrams

Wiegand Output Radio Reader