



PRODUCT INFORMATION



Reference : FD-020-186



Protocols : Wiegand



Technologies : Mifare Classic

DESCRIPTION

This 868 MHz HF receiver is specially designed to be compatible with control units on the market that support the 34-bit FDI Wiegand protocol.

It is equipped with four Wiegand outputs and is fully compatible with the following bi-technology remote controls:

- TELROL (including 868MHz tag) / 868MHz

When the user presses a button on his remote control, the receiver transmits the remote control code to the control unit via the corresponding Wiegand output. For example, when the user presses button 1, the receiver transmits the code to the control unit via output 1. The same principle applies to the other buttons. It is important to note that the remote controls are equipped with a 125 kHz or 868 MHz proximity tag. In both cases, the code on the remote control corresponds to both technologies, namely proximity and HF. Therefore, no matter which button is pressed on the remote control, the receiver sends this 868 MHz code to the control unit. Cela simplifie le processus de contrôle d'accès pour l'utilisateur, car il n'a besoin de gérer qu'un seul code à l'écran pour la proximité et la HF, indépendamment de la touche qu'il presse sur la télécommande.

KEY CHARACTERISTICS

- Size (L x l x h) : 91 mm x 155 mm x 34 mm
- Protection rating: IP67
- Wiring: 2 wire power supply
- Loop input (4) 4 wires + 2 Wiegand gnd output (4) 4 x 2 wires + 2 gnd
- Operating temperature: -20°C to +60°C
- Alimentation :12V à 24V = ou ~/ consommation 50mA
- Frequency: 868 MHz
- Reception distance: Up to 100 m in open-field conditions

COMPLEMENTARY ASSOCIATED PRODUCTS

- [FD-020-185](#) : HF Wiegand 433 MHz receiver