

RF3227E RF Receiver

Prod. ID

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The RF3227E RF Receiver allows the use of wireless devices transmitting at 433.42 MHz with a DS7200 Series Control Panel or a D6412 Control/Communicator.

■ Features

- Compatible with the DS7200 Series Control Panels or D6412 Control/Communicator
- Receives low battery, tamper and sensor status reports
- LED indicates receiver status
- Cover and optional wall tamper
- Diversity antenna

■ Planning

Mounting Considerations

- The receiver should be mounted in a central location in regard to all wireless sensors, whenever possible.
- The receiver should be mounted vertically with at least 25-cm clearance above it for the antennas.
- Avoid mounting the receiver in areas with significant metal or electrical wiring, such as furnace rooms and utility rooms. If this is unavoidable, mount the receiver with the antennas extending above any metal surface.
- Avoid mounting the receiver in areas where it may be exposed to moisture.
- Reception distances are generally improved with higher mounting locations and with no metal objects near the antennas.

Wiring

The receiver should be connected to the panel's option bus using 0.8-mm diameter wire. The wire length between the receiver and the control panel should not exceed 300 m. Adding additional devices to the bus may reduce the maximum wire length.

Note: Do **not** use shielded cable or twisted pair wire.

■ Technical Specifications

Compatible Control Panels:	DS7200 Series, D6412
Enclosure Design	
Dimensions (HxWxD):	10.8 cm x 15.2 cm x 3.1 cm
Environmental Considerations	
Temperature (Operating):	0°C to +65°C
Power Requirements	
Voltage (Input):	12 VDC
Current Draw:	30 mA nominal
Transmission Characteristics	
Frequency:	433.42 MHz
Range (open air):	305 m

