

**DS-PR501-HWE**  
**Bus Tri-X Receiver**

- Seamless integration of Tri-X wireless devices via bus
- Stable and encrypted 868 MHz RF communication with frequency hopping
- Reliable wireless coverage for extended installation flexibility
- Built-in bus extender for extended bus range

## ▪ Specification

Peripherals	
Wireless detectors	32
Wireless sounders	12
Wireless keypad / tag readers	8
Wireless keyfob	64
Bus interconnection	
Bus-extender	Yes
Bus technology	Half-Duplex RS-485
Bus wiring	4-Core Alarm Cable (at least 2×0.5mm <sup>2</sup> +2×0.22mm <sup>2</sup> )
Wireless interconnection	
Frequency	868.0-868.6 MHz
Wireless technology	Tri-X, 2-way encrypted wireless, radio frequency hopping
Transmission modulation	2GFSK
Transmission range	1600 m (open area)
Power supply - general	
Input voltage	12 VDC nominal (9~16 VDC), powered by bus
Quiescent current	90 mA @12VDC
Max. current	150 mA @12VDC
Environmental	
Operating temperature	-10°C to 50°C (14°F to 122°F), indoor use only
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Relative humidity	10% ~ 90% non-condensing
Physical	
Dimension (W × H × D)	110 × 155 × 31 mm
Weight	208 g
Tamper-proof	Front and Rear
Installation method	Wall mount
Compliance	
Electrical conformity	CE, CB
EN 50131	Security Grade 2, Environmental Class II

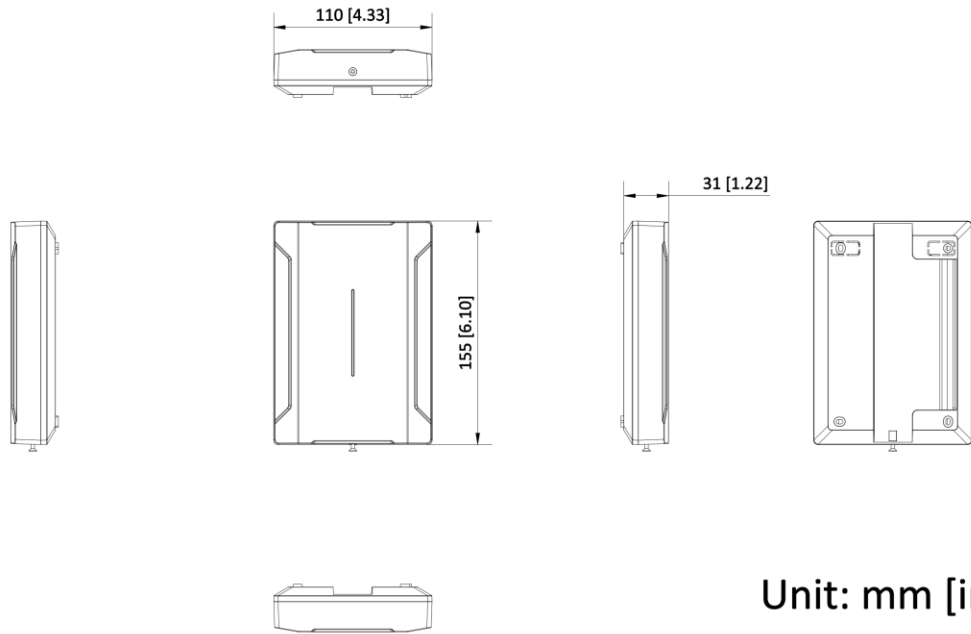
*\*Specifications are measured under laboratory conditions. Actual performance may vary depending on operating environment and application-specific factors.*

*\*Wireless interconnection transmission range is specified in open, unobstructed environments. Actual range may be reduced under site-specific conditions.*

## ▪ Available Model

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▪ Dimension



Unit: mm [inch]

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