DS-PR521
Bus Isolator



- Protects the system bus against short-circuit, overcurrent, overvoltage, AC 110/230 V intrusion, and pulse interference
- Prevents external disturbances from affecting bus communication and system stability
- Integrated bus extender supports 500 m extension with signal reshaping
- Supports front and rear tamper protection
- Reports protection events to the control panel

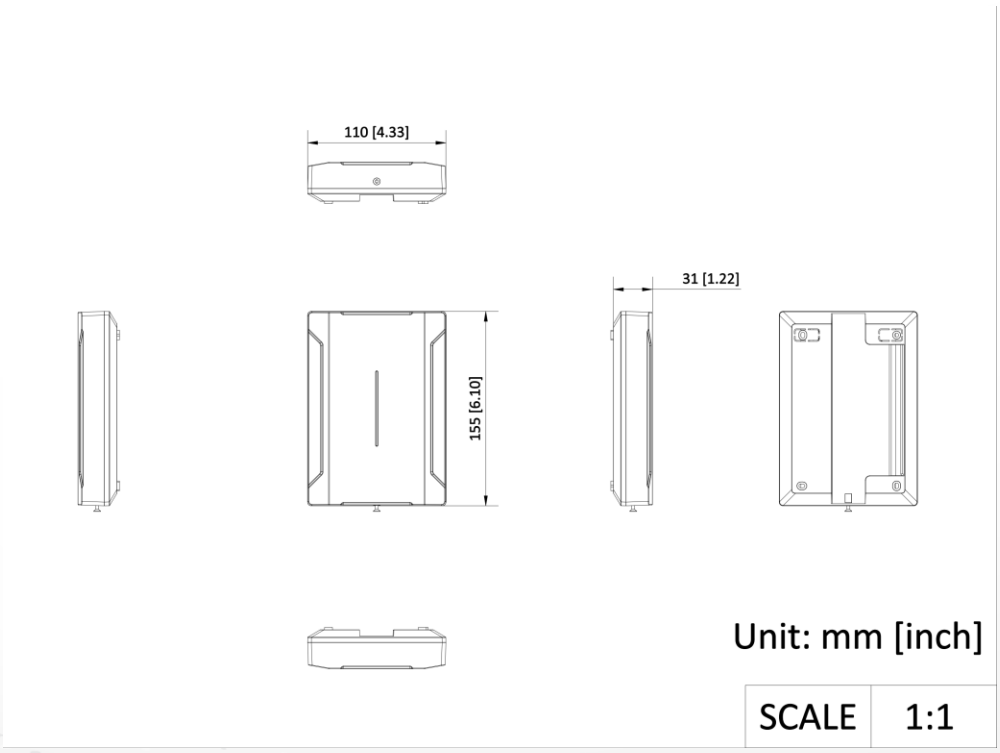
▪ Specification

Bus interconnection	
Bus-extender	√
Bus technology	Half-Duplex RS-485
Bus wiring	4-Core Alarm Cable (at least 2×0.5mm²+2×0.22mm²)
Power supply - general	
Input voltage	12 VDC nominal (9~16 VDC), powered by bus
Quiescent current	15 mA @12VDC
Max. current	50 mA @12VDC
Power supply - Bus power output	
Output capacity	12VDC nominal (9~16 VDC), 800mA
Output protection	1.0 A resettable eFuse(Latch-Off)
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	220 g
Installation method	Wall mount
Compliance	
Electrical conformity	CE, CB
EN 50131	Security Grade 2, Environmental Class II

▪ Available Model

DS-PR521

▪ Dimension



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