uartBridge user manual

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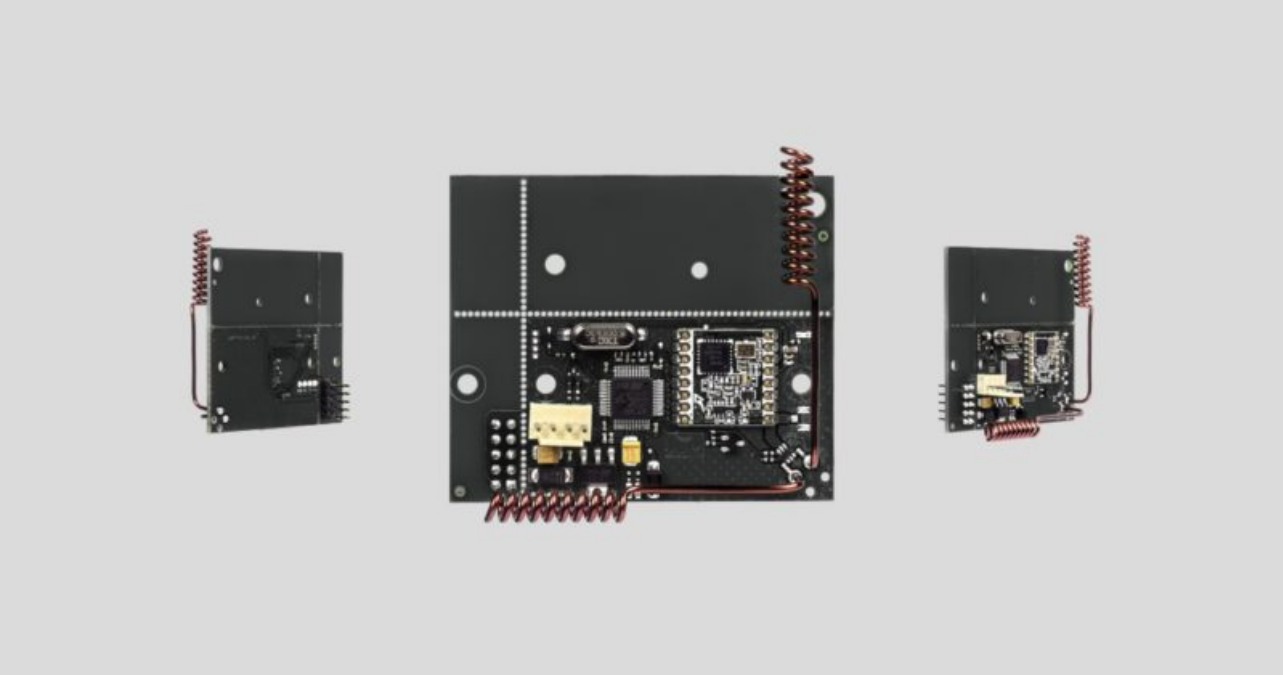

uartBridge — is the module for integration with third-party wireless security and smart home systems.

A wireless network of smart and secure Ajax detectors can be added to a third-party security or smart home system through the UART interface.

Buy uartBridge

Supported sensors:

- MotionProtect (MotionProtect Plus)
- DoorProtect
- SpaceControl
- GlassProtect
- CombiProtect

- FireProtect (FireProtect Plus)
- LeaksProtect

Integration with third-party detectors is implemented at protocol level.

uartBridge communication protocol

Tech specs

Communication interface with central unit	UART (speed 57,600 Bd)
Use	Indoor
Radio signal power	25 mW
Communication protocol	Jeweller (868.0–868.6 MHz)
The maximum distance between a wireless detector and uartBridge receiver	Up to 2,000 m (in open area)
Maximum number of connected devices	85
Detection of jamming	Yes
Software update	Yes
Detector performance monitoring	Yes
Power supply voltage	DC 5 V (from the UART interface)
Operating temperature range	From -10°C to +40°C
Operating humidity	Up to 90%
Dimensions	64 x 55 x 13 mm (without antennas) 110 x 58 x 13 mm (with antennas)



Need help?

In this section you'll find detailed manuals and educational videos about all features of Ajax. And in case you need help of a technical specialist, we're available 24/7.

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