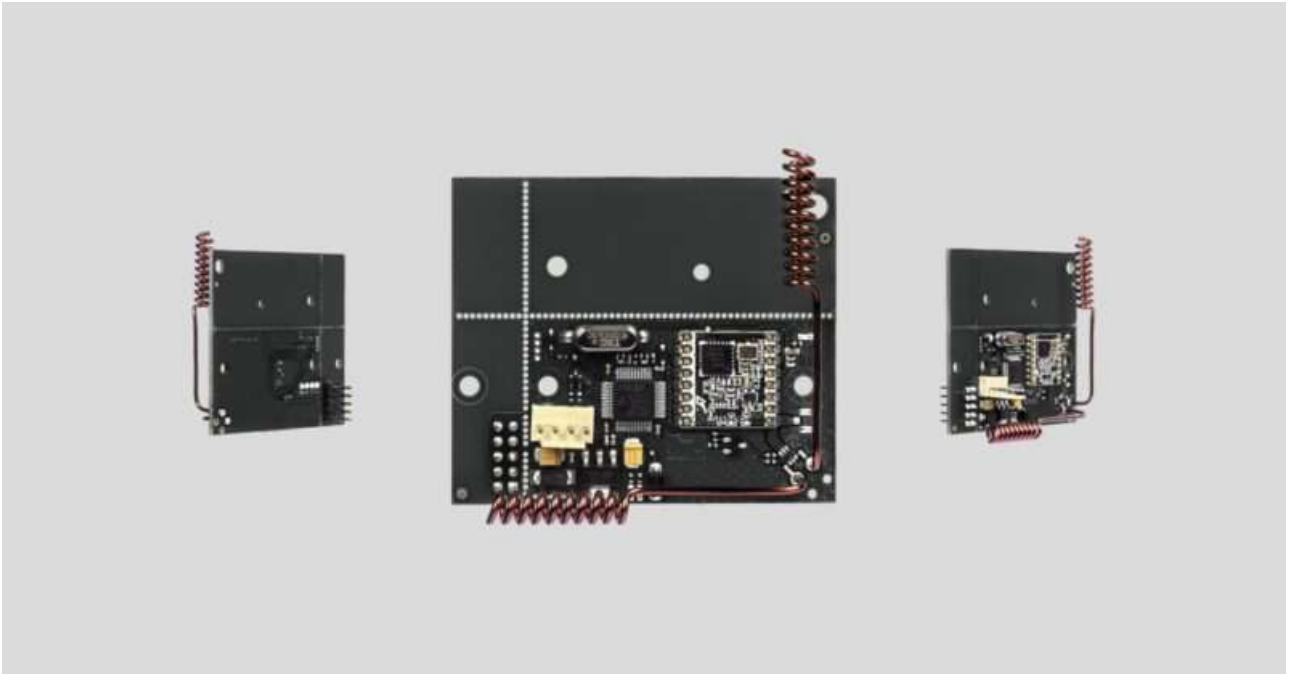


uartBridge user manual

Updated February 16, 2021



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.



Connection to [Ajax hubs](#) is not supported.

[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	<u>Jeweller</u> (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)

