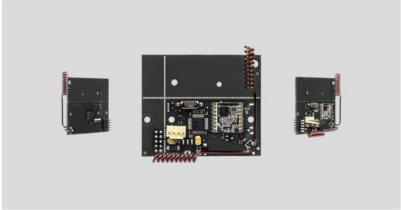


AJAX uartBridge Receiver Module User Manual

Contents

1 AJAX UART bridge Receiver Module
2 Tech specs
3 Documents / Resources
3.1 References
4 Related Posts

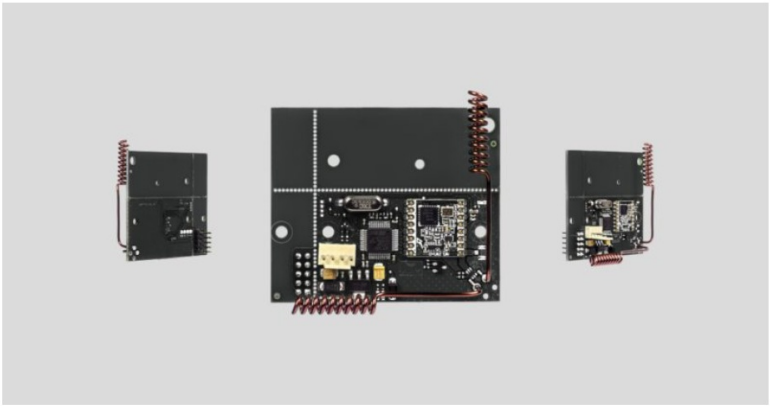
AJAX UART bridge Receiver Module

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:

1. MotionProtect (MotionProtect Plus)
2. DoorProtect
3. SpaceControl
4. GlassProtect
5. CombiProtect
6. FireProtect (FireProtect Plus)
7. LeaksProtect



Integration with third-party detectors is implemented at the protocol level. UART bridge 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 a nd 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)

Documents / Resources

	AJAX uartBridge Receiver Module [pdf] User Manual uartBridge Receiver Module

References

- Jeweller radio technology | Ajax Systems
- Current product lines of the Ajax security system
- CombiProtect — Motion and glass break detector | Ajax Systems
- DoorProtect — Wireless magnetic opening detector | Ajax Systems
- Ajax FireProtect - Wireless fire detector with siren
- Fire detector with siren and CO sensor - FireProtect Plus
- GlassProtect — Wireless glass break detector | Ajax Systems
- LeaksProtect — Wireless flood detector | Ajax Systems
- MotionProtect — Wireless motion sensor with immunity to animals
- MotionProtect Plus — Motion detector with microwave sensor
- Ajax SpaceControl — security system key fob | Ajax Systems
- uartBridge — Module for Ajax devices integration with third-party wireless alarms systems