

## IoT HER-A

- Wireless communication without SIM requirement
- 4 x digital input
- 4 x relay output
- MQTT uplink protocol
- GNSS receiver
- Wireless battery module



### DESCRIPTION

HER-A represents a modern generation of IoT devices. The advantages of the device include simple communication without the need for a SIM card (digital SIM), WiFi, or other networks that require additional resources. The only requirement is the 2G network. The customer receives mobile data that are available until January 2025 and can be used in 33 European countries without additional charges. The device is equipped with an MQTT communication protocol for easier implementation into an already existing IoT network.

HER-A also includes a reliable GNSS receiver, that provides information about the device location. Four digital inputs (dry contact type) are designated for switch sensing. Four relay outputs are designated for controlling the connected devices.

The device is powered by a battery with a capacity of 2000 mAh. The battery life depends on the data exchange interval. The device can be easily charged via USB port on the front panel. Her-A can be equipped with an external power supply (9 - 36 VDC) instead of the battery. The front panel also includes signalization LEDs, that inform the user about the battery life and device status.

The device can be configured via the USB port on the front panel.



### SPECIFICATION

Communication module	Heracles (2G)
Location tracking	GNSS
IO interface	4x relay contact 2 A / 48 VDC 4x digital input "dry" contact (available NO / NC configuration)
Communication protocol	MQTT
Device configuration	USB
Power supply	Battery / external (9 - 36 VDC)
Battery capacity*	2000 mAh (USB charging)
Battery life	90 days, with one hour period of communication (uplink/downlink)
Temperature range	-20 to +50 °C
Dimensions	103 x 90 x 30 mm

\* In case of battery version

### TYPICAL APPLICATION

- > Telemetry / remote control
- > Industry 4.0
- > Fleet management
- > Outdoor tracking

