mioty Base Station m.BASE

SWISSPHONE

Powerful and compact – for mission-critical IoT applications

Swissphone's mioty base station is designed for mission-critical IoT applications that require an optimal bidirectional communication with end-points and sensors. The compact form factor and the high performance RF frontend contribute to its versatility; its redundant power supply architecture with Power over Ethernet (PoE) and two DC inlets make it stand out. The base station offers various hardware variants to meet your requirements.

mioty is the most robust and reliable LPWAN (low-power wide area network) radio technology on the market. It uses a standardized telegram splitting approach to achieve high interference resilience against radio transmissions of other radio sources within a dense and license-free frequency band (ISM/SRD). With its large area coverage, minimal energy consumption and high scalability, mioty is also suitable for mobile applications. From the user's point of view this means: Future-proof solution and long-term investment protection. Thanks to the software-based solution, existing sensors, actuators and other devices can be easily retrofitted with mioty technology.

Key Performance Features

- Powerful and compact bidirectional mioty base station
- High performance RF front end for all narrow-band profiles
- Optimized for license free SRD 868 MHz band in Europe
- Up to +25 dBm output power / -137 dBm sensitivity
- Redundant power supply solution with PoE and two DC inlets
- Redundant backend connectivity with LAN and optional mobile connectivity
- Compact and versatile housings for wall- / DIN rail- / 19" rack-mount available / outdoor kit: available on request
- mioty alliance compliant interface

mioty alliance