

Data sheet blukii Hub MKII

Features

- Recording of blukii SmartBeacon data
- Protocols via Bluetooth LE 4.2: iBeacon, Eddystone (TLM, UID); blukii specific protocols like blukii Sensor Beacon and blukii Device Tracing
- Transmission of the data in JSON format to a REST interface, transmission via HTTP/HTTPS with optional authentication
- WLAN access point for direct access
- Dialing into a local network via WLAN (WPA2/3 and WPA2/3 Enterprise)
- Management of settings via local website
- Monitoring via blukii Manager Cloud
- Upgradability via blukii Manager Cloud
- Fixed installation using the supplied wall bracket.
- Power supply with USB-C
- Robust external dipole Bluetooth antenna with long range
- Compact design 98x98x32mm



Scope of delivery

- blukii Hub MKII
- Power adapter
- Omni-Direction Whip Antenna (default) or Directional Antennas as per request
- Wall bracket + mounting accessories

Technical specifications

Bluetooth

Standard	Bluetooth Low Energy 4.2
Range	Up to 100m
Antenna	Max. 2.8 dBi External Omni-Directional Antenna (Directional Antennas also provided as per request)
Advertising Protocols	iBeacon, Eddystone (TLM, UID), blukii Sensor Beacon, blukii Device Tracing

WLAN

Standard	Wi-Fi 4 (IEEE 802.11 b/g/n 2.4GHz)
Wi-Fi Speed	Up to 150Mbps
Wi-Fi Reichweite Range	Up to 100m
Working Modes	Access Point, Station Mode (WPA2/3, Enterprise Identity)
Antenna	3.4 dBi Integrated Antenna

Hardware

Color	White or black
Protection class	IP 40
Dimensions (W x D x H)	98 x 98 x 32 mm (without antenna)
Weight	160g (without wall bracket)
Operating temperature	0°C bis +60°C
Power supply	230V Input, 5.1V Output USB-C

CE Declaration

hard&softWERK GmbH declares herewith that the device is compliant with the basic requirements and the relevant rules in directives 2014/53/EU und 2011/65/EU.

