



Data Sheet Smart Key Go 500

Features

- Three connection modes: Open connection (convenience mode), Bluetooth pairing (pairing mode), AES 128-bit encryption Challenge response system (secure mode)
- Pushbutton
- Can be combined with a variety of accessories such as blukii Key-Fob, blukii Clip or blukii Drop
- Bluetooth Low Energy® 4.2
- Setting of the parameters via blukii Configurator App



Advertising

Beacon protocols	blukii Smart Key Protocol
Advertising interval	0,1s to 10s (adjustable) Default: 1,9s

Radio

Standard	Bluetooth 4.2 (Bluetooth Low Energy)
Controller	Texas Instruments CC2640
Range	Up to 100m
Frequency range	2.402 to 2.480GHz
TX-Power (adjustable)	High(5dBm) / Medium(0dBm) / Low(-9dBm) / Lowest(-20dBm)
Antenna	Customized OnBoard SMD-Antenna

Encryption

Modus 1	Open connection (convenience mode)
Modus 2 (Default)	Bluetooth Pairing (Pairing Mode)
Modus 3	AES 128Bit-Verschlüsselung Challenge-Response-System (Secure Mode)

Battery

Type	Lithium-manganese-dioxide
Model	Panasonic CR3032 3V/500mAh
Capacity	500mAh
Replaceable	Yes
Lifetime at Advertising interval 0,3s (TX-Power: +5dBm)	0,3 years
Lifetime at Advertising interval 1s (TX-Power: +5dBm)	1,1 years
Lifetime at Advertising interval 1,9s (TX-Power: +5dBm)	2 years

Mechanical specifications

Enclosure material	Copolyester
Colour	white
Protection Class	IP62
Flammability rating	UL94HB
Dimensions	32x9mm
Weight	15g



Environmental requirements

Operating temperature	-20°C to +60°C (Lifetime drops sharply under 0°C)
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Certifications

CE (2014/53/EU, 2011/65/EU)
