

# Technical Specifications

Parameter	Values
Short range control	2.4GHz Bluetooth Low Energy
Middle range radio control range	868 MHz
Rated radio control distance	up to 1500 m
Rated radio notification distance	up to 2000 m
Cellular networks range	2G version: 2G GPRS 850, 900, 1800, 1900 4G version: 2G GPRS 900, 1800 3G WCDMA B1 (2100), B8 (900) 4G LTE B1 (2100), B3 (1800), B7 (2600), B8 (900), B20 (800)
Antenna type	Embedded
SIM cards	2 x nanoSIM
GPS+GLONASS receiver sensitivity	-148 dBm —«cold start» -163 dBm —«hot start» -165 dBm — in active monitoring
Interfaces	<ul style="list-style-type: none"><li>• 2xCAN or 3xCAN-FD</li><li>• 4 x LIN</li><li>• 1 x StarLine coded data bus</li><li>• 1 x USB</li><li>• 18 programmable channels which can be set as:<ul style="list-style-type: none"><li>• 15 OC negative outputs – 200 mA max</li><li>• 2 positive outputs – 2 A max</li><li>• 3 positive inputs</li><li>• 3 negative inputs</li><li>• 1 universal input</li><li>• external temperature sensor input</li><li>• external service (valet) button input</li><li>• external microphone sensor input</li></ul></li></ul>



Parameter	Values
Input voltage	8 - 16 V
Rated current	10 - 15 mA
Tag battery	CR2032 3V
Remote key battery	LR03 AAA 1.5V
Operating temperature range	-40 °C ... +85 °C
Main unit dimensions	105 x 63 x 16 mm
Main unit weight	63 g