



# Technology Sheet

## Diver-Gate(M) – AS345

### General

Dimension	138 x 62 x 34 mm (with protection guard)
Weight	Approx. 181 gr
Housing material	ABS casing
Protection	IP52 (with protection guard)
Operating temperature	-20 °C to 60 °C (within specs)
Storage / transport temperature	-40 °C to 85 °C
Power supply	Internal rechargeable lithium ion battery, charged through USB port
Battery life	10 hours in Bluetooth connection mode
Communication	USB port, Bluetooth®, UART

### Bluetooth

Module	Fully qualified Bluetooth® V2.1 + EDR, Class 2
Antenna	Internal ceramic antenna

### Radio

Radio frequency	2.405 GHz (channel 11)
Transmit power	100 mW, 20 dBm
Antenna	Internal ceramic antenna
Scan period	30 sec
Radio range	500 meter L.o.S. (Line of Sight)
Data encryption	AES-key (16 bytes)

### Environment

Operating temperature	-20 °C to 60 °C
Certification	CE: R&TTE Directive 1999/5/EC according to the harmonized standards FCC: RI7BG864 IC: 5131A-BG864

