

The **fidbox® V6** developed and made by floorprotector, provides you with reliable information about the environmental conditions of your hardwood flooring. The **fidbox® V6** is installed under the flooring and measures, from below, temperature and humidity fluctuations in the floor construction and subfloor. The saved data can be wirelessly read out at any time from the **fidbox® V6** without having to remove it of the flooring. The readings of the stored data can be done by the fidbox® V6 reader (see data sheet fidbox® V6 reader).



### Specifications

Type	active
Frequency	2.4 GHz ISM-Band
Protocol	Bluetooth Low Energy
Read Range	in open surroundings in installed conditions
	up to 10 m up to 6 m
Dimensions	95.5 x 52.5 x 7 mm
Weight	30 g
Battery life expectancy*	up to 6 years (with 8hr measuring interval)
Memory storage capacity	up to 1.048.592 records
Measurement interval	freely configurable from 1 minute to 7 days (preset at 8 hr)
Temperature measurement range	-20°C up to +65°C
Battery**	Ultralife Thin Cell 3-Volt Lithium Cell
Storage temperature	at room temperature dry and frost-free (+17°C up to +23°C)
Operating temperature	0°C up to 55°C
Certification	EN 60950 / IEC 60950, ETSI EN 300 328 V1.8.1, EN 301 489-1 V1.9.2, EN 301 489-17 V2.2.1, EN 61000-4-2: 2009, EN 61000-4-3: 2006 + A1: 2008 + A2: 2010, EN 62311, 1999/519/EC FCC-ID 2ADQTV6 IC-ID 12568A-V6

### Specifications Sensors\*

Humidity	Precision Resolution Repeatability	up to +/- 2% rF 0,04% rF up to +/- 0,1% rF
Temperature	Precision Resolution Repeatability	up to +/- 0,3°C bei +25°C 0,01°C up to +/- 0,1°C

\* depending on the measurement interval settings, measurement frequency and storage conditions

\*\* the battery does not contain hazardous voltage and/or energy level.

