



BLACKWELL 3.0 BEACON

Measurements	Height Width Weight	19mm / 0.75 inch (23mm / 0.9 inch incl. mounting plate) 43mm / 1.69 inch 20g
Signal Range		0 - 70m
Microcontroller	Main Core Memory	Nordic nRF52832 32-bit ARM Cortex M4F 512 kB flash 64kb RAM
Communication		2,4 GHz RF Bluetooth Low Energy wireless technology
Transmission Power		-20dBm to +4dBm
Sensitivity		-96dBm
Battery & Power	Battery Type Battery life - iBeacon profile (100ms interval)	1000mAh CR2477 Cell, replaceable Up to 12 months with default setting and 24-hours daily usage (depending on environmental conditions)
Sensors	Accelerometer Ambient light sensor	STMicroelectronics LIS3DH Vishay TEMT6200FX01
Casing	Material Flame Resistance Protection	ASB Safe - V0 flammability class IP65, UL94
Environmental Requirements	Operating Temperature Humidity	-25°C / +60°C (-13°F / +140°F) From 0% up to 100%