

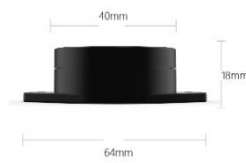
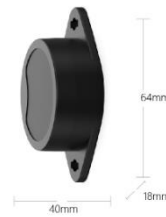
Descartes IoT BLE GTA001 Tag Hardware Specification

Descartes IoT BLE GTA001 tag is an always active BLE beacon. The Descartes IoT Beacon tag advertises at an optimal interval of once every 6 seconds. Descartes IoT Readers listens for adverts from the Beacon tag and when in range (approx. 100 meters in open space), the Reader logs these detections.

Tape mount:



Screw mount:



Images are indicative only, actual product may vary.

Name of the Product:	Descartes IoT GTA001 Tag
Model:	GTA001
Description:	Bluetooth Low Energy (BLE) tag used to monitor movement of goods and equipment. Each tag is made up of an PCBA equipped with a Nordic nRF52833 chip and a single CR2477 3V lithium cell battery encased in a housing.
Battery:	CR2477 3V lithium cell rated at 900mAh
Size:	Tape mount: 40 x 40 x 15.7mm Screw mount: 40 x 64 x 18mm
Weight:	25 grams
Temperature Range:	-40°C to +70°C
SOC:	Nordic nRF52 Series nRF52833
Waterproof Level:	IP67
Accelerometer:	KXTJ3-1057 (Accelerometer Tri-Axis 1.71-3.6V +/-2/4/8/16g)
Range:	100m in open space

Certifications:

GTA001	FCC	FCC (2AXZL-THS5 https://fcc.report/FCC-ID/2AXZL-THS5/)
	CE	CE (LCSA061523016E) https://fcc.report/FCC-ID/2AXZL-THS5/
	IP Rating	IP67
	UN38.3	Passed See "CR2477 UN38.3"