

SmartOps BLE IA Wearable

Bluetooth Low Energy Intrinsic Safe Wearable

The SmartOps BLE IA Wearable Locating System allows you to locate and track any objects equipped with SmartOps BLE Tags in an environment equipped with SmartOps BLE Anchors. Mining applications such as Shaft Clearance, Blast Clearance and Personnel-in-Distress is some of the capabilities that can be achieved with the SmartOps Location System.

Specifications

Processor	nRF52840, ARM Cortex-M4+ at 64MHz
On-chip Memory	256kB RAM + 1MB Flash
Onboard Memory	2 MB QSPI Flash
Wireless	Bluetooth 5.0/NFC
Max Output Power	2.5mW
Antenna	Integrated printed IFA antenna with 0 dBi gain
Dimensions	26.6 mm x 24.5 mm x 1.7 mm
Weight	42 grams
Operating Temp	-30°C ... +85°C
Storage Temp	-30°C ... +85°C
Power Supply	Renata CR2477N 3V Lithium-Ion Coin Cell Battery



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Office 2: +27 14-523-3684
Office 3: +27 13 101 3517



<https://smartops.solutions/>



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Office 2: Ground Floor, 214 Beyers Naude Dr,
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Functionality

Tactile Push Button

LED

Intrinsic Safe Classification

Ex ia I Ma

Ex ia IIB T4 Ga

IP Rating

IP67, NEMA 4X, 12, 13

Certifications

EMC Approval

SANS 61000-3-3, SANS 61000-4-2,3,4,5,6,8,9,11

MASC Approval

MASC MS/25-8481X



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