

NFC in Mobilaris Companion WiFi

Manufacturer: Epiroc Rock Drills AB
Model: Mobilaris Companion WiFi
P/N: 3049900039

The Mobilaris Companion WiFi tag has a built-in passive NFC module with an interface for tag identification and configuration. In operation NFC will mainly be used to assign a tag to a person in Mobilaris Situational Awareness™ by swiping the tag over an NFC reader to extract the unit's identification.

To configure the Mobilaris Companion WiFi via NFC the tag is swiped over an NFC writer that loads the configuration to the tag.

The Tag is passive powered by magnetic field during read and write. Supply from product battery is only for reading of the passive tag memory to CPU. Used for configuration work even if battery is empty.

Technical Data

WiFi	IEEE 802.11 b/g/n (2,4GHz)
Bluetooth	Bluetooth Low Energy 5.2
NFC	ISO/IEC 15693, R/W 4 kbits memory. NFC Forum Type 5 tag, certified by NFC Forum.
Sensors	Accelerometer 3 axes
Dimensions	91.5 x 58.0 x 17.0 mm
Weight	~ 85 g
Environment	-20°C to +60°C (-4°F to 140°F)
Humidity	IP 65
Interface	3,5 mm jack for custom LED strip (not included)
Charging	USB-C or charging rack
Battery	1 200 mAh

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