

ID ECCO Smart + ID NFC Metal Tag Antenna

## **ROBUST NFC BOOSTER & BARCODE SCANNER WITH BLUETOOTH LE 5.0 AND UNIQUE NFC METALTAG ANTENNA**

- Compact RFID (HF)- / Barcode (1D & 2D) Reader
- Unique NFC Metal-Tag Antenna for trouble-free identification of Mount in / on Metal Tags
- Robust housing for use in harsh environments
- Bluetooth LE 5.0 GATT profile and BLE HID
- FEIG Data Services for Android, iOS and WIN10 applications
- USB interface
- Durable Lithium Polymer battery



### **Future-proof hybride device consisting of Barcode Scanner and powerful RFID Reader**

The ID ECCO Smart is a hybrid barcode and RFID handheld device. In combination with the ID NFC MetalTag Antenna, a specially developed NFC antenna, the device can easily detect, read and write miniature transponders that are embedded in or attached to metal, plastic or wood. Thanks to the unique antenna shape of the ID NFC MetalTag Antenna, even tags in hard-to-reach places can be reached, easily.

It can be used anywhere where a single tag needs to be read with pinpoint accuracy. Due to their robust nature, the ID ECCO Smart and the ID NFC MetalTag Antenna are also suitable for harsh environments. Due to its large buttons and the rubberized surface, the ID ECCO Smart can also be operated comfortably with gloves and lies securely in the hand.

### **State-of-the-art data transmission technology and a wide range of applications**

The ID ECCO Smart is equipped with the latest Bluetooth LE 5.0 technology for data transmission.

Applications for the ID ECCO Smart in combination with the ID NFC MetalTag Antenna include maintenance and service, inventory, asset tracking and parts management.

# ROBUST NFC BOOSTER & BARCODE SCANNER WITH BLUETOOTH LE 5.0 AND NFC METALTAG ANTENNA

Mobile Barcode & RFID device with performant scan engine, powerful NFC / RFID interface and NFC antenna.

## Technical data ID ECCO Smart

Dimensions (W x H x D)	87 mm x 48 mm x 26 mm
Weight	approx. 98 g
Housing	double-walled, rubber coated
Color	black, red
Protection class	IP54
RF operating frequency	13.56 MHz
RF transmitting power	1.5 W HF Reader IC
Supported transponders	ISO 15693
<b>Barcode*</b>	
1D symbol sets	EAN-8, EAN-13, ISBN, UPC-A, UPC-E, Code 128, Code 39, Code 93, Codabar, Industrial 2of5, Interleaved 2of5, UCC/EAN-128
2D symbol sets	Datamatrix, QR Code, PDF417
Interfaces	Bluetooth LE V5.0, Gatt profile, BLE HID, USB-HID
Battery	1,300 mAh Lithium Polymer battery; 3.7 V
Operating time	up to 16 h
Indicators, optical	4 LEDs (red, green, yellow, blue)
Indicators, further	Buzzer, vibration feedback
Keys	4 keys (ON/OFF, configurable)
CPU	Dual Core Processor
Memory	256 KB RAM / 1 MB Flash
Supported OS	USB: Win 10 (32 and 64 Bit) BLE: iOS from V13.3.1 & Android from V9.0
Bluetooth LE GATT profile	FEIG Data Services and FEIG standard protocol
Shock resistance	1.6 m drop on concrete
<b>Temperature range</b>	
Operation	-20 °C up to +55 °C (-4 °F up to +131 °F)
Storage	-20 °C up to +60 °C (-4 °F up to +140 °F)
Battery load	0 °C up to +45 °C (+32 °F up to +113 °F)
Humidity	5 % up to 95 % (non condensing)
Certificates	RoHS, WEEE, CE, FCC, IC

\* Available for ID ECCO Smart 2D-HF-BLE

## Technical data ID NFC MetalTag Antenna

Dimensions (W x H x D)	125 mm x 50 mm x 36 mm (mounted)
Housing	ABS robust
Color	black
RFID HF	13.56 MHz, ISO 15693
Reading range	0.5 mm to 5 mm

## Applications



ID ECCO Smart



ID NFC MetalTag Antenna



Reads transponders even in hard-to-reach positions

## Accessories



Docking station



Individual designable front cover allow implementation of any Corporate Identity