FEIG

ID ECCO Smart 2D-HF-BLE

ROBUST NFC BOOSTER & BARCODE SCANNER WITH BLUETOOTH LE 5.0

- Compact and robust RFID- / Barcode (1D & 2D) Scanner
- High Performance NFC Read / Write Device
- Identification of transponders in different orientations / positions
- Robust housing e. g. for installation and maintenance work
- Bluetooth LE 5.0 GATT profile with FEIG Data Services and Zhaga Book 25 services
- FEIG Data Services for Android, iOS and WIN 10 applications
- USB interface compatible with current FEIG USB readers
- Durable Lithium Polymer battery with high capacity



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

ID ECCO Smart 2D-HF-BLE is a mobile Barcode & RFID detection device with performant scan engine and powerful NFC / RFID interface for efficient working with standard RFID transponders and 1D / 2D barcodes. The latest Bluetooth LE 5.0 technology makes the device a future-proof investment for current and future mobile applications. The device is used wherever the read range of an NFC smartphone is insufficient for efficient work with barcodes and RFID transponders or the ambient conditions require a more robust device. The read data are transmitted directly via Bluetooth LE interface to a host such as a smartphone, tablet PC, laptop or Bluetooth LE capable PC.
ID ECCO Smart is ideal for programming and maintenance work in the LED lighting industrie, in transport and logistics as well as in healthcare. Furthermore, the device can improve or accelerate numerous processes in libraries relating to the handling of media equipped with transponders.

Robust and power for a complete working period

The ID ECCO Smart withstands multiple drops from 1.6 m to concrete without any damage. This is made possible by a double-walled ABS plastic housing with protective rubber coating. Its protection class IP54 enables use in harsh environments, making the ID ECCO Smart a mobile NFC reader for almost all system environments. A long-lasting, high-capacity battery supplies the device with power for up to 16 hours, thereby enabling continuous work. The large and robust buttons of the ID ECCO Smart can be operated safely even when wearing gloves. Optical and acoustic signals as well as a vibration feedback acknowledge the work carried out and thus ensure error-free processes.

RFIDCanada
Automating Identification

ROBUST NFC BOOSTER & BARCODE SCANNER WITH BLUETOOTH LE 5.0

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Product details

Dimensions (W x H x D)	87 mm x 48 mm x 26 mm (3.42" x 1.89" x 1.02")
Weight	98 g
Housing	double-walled, rubber coated
Color	black, red
Protection class	IP54
Operating frequency	13.56 MHz
Transmitting power	1.5 W HF Reader IC
Supported transponders	ISO 15693
Barcode	
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	USB Serial, Bluetooth LE V4.2 & V5.0
Battery	1300 mAh Lithium Polymer; 3.7 V
Operating time	up to 16 h*
Indicators, optical	4 LEDs (red, green, yellow, blue)
Indicators, further	Buzzer, Vibrations feedback
Keyboard	4 keys (ON / OFF, Trigger 2x configurable)
CPU	Dual Core Prozessor
Memory	256 KB RAM / 1 MB Flash
Supported OS	USB: Win 10 (32 und 64 Bit) BLE: iOS from V13.3.1 & Android from V9.0
Bluetooth Interface	Zhaga Book 25 services and protocol
Bluetooth LE GATT profile	FEIG Data Services and FEIG standard protocol
Shock resistance	1.6 m drop on concrete
Temperature range	
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 condesing)
Certificates	RoHS, WEEE, CE, FCC, IC

* Switched on, BLE connection, depending on the usage behaviour and the setting of the device

Order descriptions

5739.000.00	ID ECCO Smart 2D-HF-BLE solid NFC Booster and Barcode Scanner with BLE interface
5738.000.00	ID ECCO Smart HF-BLE solid NFC Booster with BLE interface
5093.921.00	ID Docking Station – ECCO
5090.930.00	ID NET.5V-EU USB Power Supply 1000 mA
5090.930.10	ID NET.5V-US USB Power Supply 1000 mA
5093.960.00	ID ECCO customized front cover – setup costs
5093.964.00	ID ECCO customized front cover

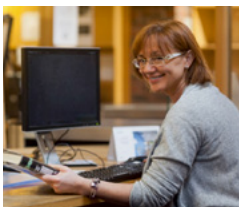
Applications



Identification in different orientations



Configuration of a LED driver with ID ECCO Smart



Handling of media in libraries, labeled with transponders

Accessories



Docking station



ID USB.BLE Dongle



Individual designable front cover allow implementation of any Corporate Identity

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RFIDCanada
Automating Identification

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