Portable reader ArcoBEAT

DATASHEET

cod. ArcoBEAT

DESCRIPTION

Portable device for reading, georeferencing, data storing and sending (emptying only) relating to the waste collection service.

It allows the reading of codes in UHF EPC Gen 2 technology installed on bins, bags and wheeled containers.

Made up of a sturdy PVC case with IP67 protection level, ArcoBEAT can be worn on the operator's wrist using an easy-to-remove buckle.

It is equipped with a bright monochrome display with a resolution of 128x128 to facilitate the work of the operators. The number and function of the membrane keyboard recalls that of the Arco40EVO controller and can also be used with work gloves.

Using the keyboard, operators can assign additional codes to each emptying (TOO FULL, IMPROPER MATERIAL, etc).

ArcoBEAT integrates an RFID tag reader in UHF (Ultra High Frequency) technology according to the EPC Class 1 Gen 2 ISO / IEC 18000-6 standard capable of reading tags at a distance of about 20 cm.

GENERAL DATA	FEATURES	INTERFACE	CERTIFICATIONS
POWER SUPPLY battery-powered with USB charging with mains or car charger (supplied)	**CPU** Cortex-MX Processor	**DISPLAY** monochrome 128x128	**EMC COMPATIBILITY** ETSI EN 302 208-2 ETSI EN 301 489-3 RED 2014/53/EU
DIMENSIONS 87x68x30 mm (LxHxP)	**LOCAL MEMORY** more than 100.000 readings	**KEYBOARD** membrane 5 keys	
OPERATING TEMPERATURE -20°C +70°C	**OPERATING FREQUENCY** 865-868 MHz	**ACOUSTIC WARNING** piezo buzzer	**CE MARKING**
CONNECTIONS micro USB waterproof	**READING POWER** 10 dBm	**EXPANSION** ArcoBEAT can be connected to the ArcoSD data download and update software available for Windows, Linux and Mac OS	**ISO CERTIFICATION** ISO/IEC 15408 Common Criteria EAL1+ compliant to DM 20.04.2017 (Art3. com.3) when used with Arco40EVO
PROTECTION LEVEL IP67	**CONNECTIVITY** Bluetooth 4.1 LE for data download on Arco40EVO		

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