

Controller Arco40EVO

DATASHEET

cod. Arco40EVO



DESCRIPTION

Device for reading, georeferencing, data storing and sending (emptying and routes) 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 polycarbonate case with IP67 protection level, the controller can be installed on the back of vehicles dedicated to waste collection. It is equipped with a bright 5-inch color display with a resolution of 400x800 to facilitate the work of the operators. The membrane keyboard consists of large keys with good tactile feedback and can be used with work gloves.

Through the keyboard the operators can choose the material object of the collection (PAPER, RESIDUAL WASTE, GLASS, etc.), assign additional codes to each emptying (TOO FULL, IMPROPER MATERIAL, etc) and report situations that require attention (PRESENCE OF ABANDONMENTS, DANGEROUS WASTE, TOXIC WASTE, etc).

The controller is mounted on the vehicle with special stainless steel supports that facilitate its movement in case of vehicle breakdown.

| GENERAL DATA | FEATURES | INTERFACE and RFID | CERTIFICATIONS |
|--|--|--|--|
| <p>POWER SUPPLY 9..30 Vdc</p> <p>POWER CONSUMPTION max 10watt while reading</p> <p>DIMENSIONS 125x228x60 mm (LxHxP)</p> <p>OPERATING TEMPERATURE -20°C +70°C</p> <p>CONNECTIONS M12 M/F with cables PUR</p> <p>PROTECTION LEVEL IP67</p> | <p>CPU ARM Cortex A5 - Linux</p> <p>LOCAL MEMORY more than 100.000 readings</p> <p>GPS GPS/Glonass/Galileo</p> <p>CONNECTIVITY 2G- Bluetooth 4.1 LE WiFi (opz)</p> <p>I/O AND EXPANSIONS 4 digital inputs, CANBUS, RS232, RS485</p> | <p>DISPLAY 5" colore 400x800 800 nits</p> <p>KEYBOARD membrane 5 keys with one illuminated</p> <p>RFID connection to ARCO40EVO-UHF for tag reading UHF EPC Gen2 IButton reader for vehicle identification</p> | <p>EMC COMPATIBILITY ETSI EN 301 489-17 ETSI EN 301 489-1 ETSI EN 300 328 ETSI EN 301 522</p> <p>AUTOMOTIVE Regulation ECE R10-05</p> <p>CE MARKING</p> <p>ISO CERTIFICATIONS ISO/IEC 15408 Common Criteria EAL1+ compliant to DM 20.04.2017 (Art3. com.3)</p> |



Sartori Ambiente Srl
Via S. Andrea, 51 - 38062 Arco, Italy
Tel. +39 0464 531 643 - Fax +39 0464 515 532
P.IVA/C.F. 01100130226
info@sartori-ambiente.com - www.sartori-ambiente.com



SARTORI AMBIENTE
SUSTAINABLE ENVIRONMENTAL SOLUTIONS