



ISO Card ID-tag

EPC Gen 2 UHF

The ISO Card ID-tag is a credit card sized, passive UHF ID-tag suitable for solutions where long-range identification is requested. The ISO Card ID-tag can be read from both sides, with a printable front and a barcode at the back of the ID-tag to allow automated processing and easy issuing to end-users. The ISO Card ID-tag has a read-range of up to 4 meters, when read by a TagMaster UHF RFID Reader.

Conforming to the UHF EPCglobal Class 1 Gen 2 (ISO 18000-6C) standard, the ISO Card ID-tag is supplied pre-programmed using the TagMaster SecureMarkID™ data format. The SecureMarkID™ ensures that each TagID is unique and guarantees that an ID-tag cannot be changed or duplicated. The TagMaster SecureMarkID™ provides a secure authorization solution as an alternative to the commonly used non-secure EPC data field, therefore eliminating the need to program the ID-tags in standard AVI applications.

- Read-range of up to 4 meters*
- Conforms to UHF EPCglobal Class 1 Gen 2
- Passive tag technology
- Includes TagMaster SecureMarkID™ authorization solution
- Delivered in continuous TagID number series
- Printing possibilities:
 - Offset Printing / Silkscreen Printing / Encoding / Thermal Rewritable Film /
 - UltraViolet Printing / Micro Seal / Micro Text / Hologram / Guilloche / Laser Engraving

DATA:

Operating frequencies	EU: 865 – 868 MHz
Operating frequencies	US: 902 – 928 MHz
Reading range	EU: Up to 4 meters* (13 ft) and US: Up to 5 meters* (16 ft)
Writing range	EU: Up to 3 meters* (10 ft) and US: Up to 4 meters* (13 ft)
Dimensions	86 x 54 mm (3.4 x 2.1 in) thickness 0.8 mm (0.031 in)
Weight	5.8 grams (0.204 oz)
Operating temperature	-10 °C (14 °F) to +50 °C (+122 °F)
Encapsulation material	PVC (Mate/Glossy)/PET/PETG/ABS
Copy protection	SecureMarkID™
Programmable data field	According to EPC Gen 2, ISO 18000-6C, 96 bits
Colour	White with print
Barcode	Code 128C

DATA SUBJECT TO CHANGE WITHOUT NOTICE

* DEPENDS ON PHYSICAL ENVORONEMENT AND OUTPUT POWER REGULATIONS .

| Easy to mount with WinFix in car window |