

EPC Tags

Idesco EPC Windshield Label

Idesco EPC Metal Tag ABS

Idesco EPC Ultra Tag ABS

Idesco EPC MIFARE Card

Idesco EPC Sail Tag

Idesco's long distance passive UHF EPC tags are designed for a variety of automatic vehicle identification, logistics and access control applications.

The Idesco EPC Windshield Label is ideal for automatic vehicle identification whereas Idesco's EPC Metal Tag ABS and EPC Ultra Tag ABS, although designed for logistics applications requiring installation on metal surfaces, can be reliably used in a variety of applications and settings. For access control applications with EPC we have tags for instance with Mifare support, enabling the tags to be used in multi-applications like access control and payments.

All Idesco EPC tags, recommended for use with Idesco EPC readers, are also compatible with all EPC GEN2 standard readers.

Idesco EPC MIFARE Card is available with any customer specific card printings. Idesco EPC Sail Tags can be supplied with a customer logo carving on request. Idesco EPC Sail Tags are also available in blue on request.

By Idesco EPC Writer you can encode your EPC tags for your own applications. Idesco EPC Writer is an elegant and compact-size tool for encoding EPC Class 1 Generation 2 transponders mainly in office environment. It consists of an Idesco EPC Writer Application and a Desktop read/write device equipped with USB interface.



Specifications

	Idesco EPC Windshield Label	Idesco EPC Metal Tag ABS	Idesco EPC Ultra Tag ABS
Operating frequency	860-960 MHz (nominal 865-868 MHz)	866-868 MHz	860–960 MH
Chip	epc c1g2 ISO 18000-6C	epc c1g2 ISO 18000-6C	epc c1g2 ISO 18000-6C
User memory size	NA	512 bits	512 bits
EPC code	96 bits	96 bits, optional 240 bits	96 bit
Dimensions (hxwxh)	0.5 x 29 x 106 mm	104 x 33 x 8.4 mm	210 x 110 x 21.0 mm
Material of housing	Flexible white polypropylene	ABS	ABS
Installation	On glass	On metal or any material	On metal or any material
Installation method	Pressure sensitive low surface energy adhesive	Manual, film or foam adhesive	Manual, foam adhesive
Colour	Grey with Idesco logo, can be customized	Light grey	Black
Protection class	IP68	IP68	IP68
Weight (g)	1	22	265
Customizing	Inkjet printing	Inkjet printing	
Operational temperature range	-40 °C to +80 °C	-40 °C to +55 °C	-40 °C to +65 °C
Storage temperature range	-40 °C to +125 °C	-40 °C to +55 °C	-40 °C to +65 °C
Applications	Automated vehicle identification	Logistics	Access control, logistics, cargo tracking container tracking
	<i>More information in a product specific datasheet</i>	<i>More information in a product specific datasheet</i>	<i>More information in a product specific datasheet</i>
Specifications	Idesco EPC Sail Tag	Idesco EPC MIFARE Card	
Operating frequency	865-868 MHz	865-868 MHz, 13,56 MHz	
Chip	epc c1g2 ISO 18000-6C	EPC C1G2 ISO 18000-6C, Mifare 1K S50	
User memory size	512 bit	EPC: NA, Mifare: 1K	
EPC code	96 bit	96 bit	
Dimensions (hxwxh)	56x32x8 mm	1x54x85.6 mm	
Material of housing	PC	PVC	
Installation	Key ring	On card holder	
Colour	Black	White	
Protection class	IP66	IP67	
Customizing	Printing	Inkjet printing Color printing (customer logo etc.)	
Operational temperature range	-40 °C to +60 °C	-40 °C to +50 °C	
Storage temperature range	-35 °C to +85 °C	-40 °C to +75 °C	
Applications	Access Control	Access control	
	<i>More information in a product specific datasheet</i>	<i>More information in a product specific datasheet</i>	