

# UHF Tags

## WSTag, Electronic Foil Tag, Tagidu ISO card, MTag1 and MTag2

Long distance passive UHF tags: WSTag and Electronic Foil Tag for vehicle identification, Tagidu ISO card for person identification and MTag 1 and MTag2 for mounting on metal. These tags operate with Idesco UHF readers.

WSTag and Electronic Foil Tag are designed for installation on the windshield inside the car. The long reading distance of this passive tag makes it ideal for parking solutions and vehicle identification. Tagidu ISO card is suitable for person identification and for logistics.

MTag1 and MTag2 can be installed on metal surface by using screws and without any kind of isolation from metal. MTag1 is ideal for challenging environments, and MTag2 for asset tracking like identification of railway wagons, containers etc.



### Specifications

Specifications	MTag1 & MTag 2	Tagidu ISO card	Electronic Foil Tag	WSTag
Carrier frequency	865 - 868 Mhz	865 - 868 Mhz	865 - 868 Mhz	865 - 868 Mhz
Size (hxwxhd)	110 x 43 x 24 mm, 180x14x8 mm	ISO card	140x25 mm	110x30x0,6 mm
Chip	Tagidu ATA5590	Tagidu ATA5590	Tagidu ATA5590	Tagidu ATA5590
Operating distance	up to 5-6 m	up to 1-3 m	up to 4 m	up to 4 m
Material of housing	PVC	PVC	Label	tag on PCB
User memory size	1kbit	1kbit	1 kbit	1 kbit
System memory size	320bit	320 bit	320 bit	320 bit
Unique ID	64bit	64 bit	64 bit	64 bit
Installation	On metal		On windshield	On windshield
Installation method	Screws		Label	Two-side tape
Applications	Logistics etc.	Access Control	Vehicle ID etc..	Vehicle ID etc..
Colour	Black	Printable	Printable	Black
<b>Temperature range</b>				
Operational (without programming)	-40 to +85 °C	-40 to +85 °C	-20 to +70 °C	-40 to +85 °C
Operational (programmed)	-40 to +45 °C	-40 to +45 °C	-40 to +45 °C	-40 to +45 °C
Storage	-50 to +85 °C	+10 to +40 °C at 30 % -70 % RH	20 +/- 5 °C, 50 +/- 5% RH	-50 to +85 °C
Protection class	MTag1: IP67 & MTag2: IP54	IP67	IP64	IP64

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