

ID CTF-U / ID CTF-U Secure

UHF Windshield Label

- For Long Range Applications (Access Control, Tolling, Parking Management, Fleet Management etc.)
- Self-adhesive for easy installation on the windshield inside the vehicle
- Encoded with consecutive, unique serial number
- Suitable for all common windshields
- Secure variant with Copy & Counterfeit Protection
- High quality: UV and temperature resistant
- Long life: no battery required



Various applications

UHF Long Range Readers from FEIG ELECTRONIC are the basis technology for several applications:

- Vehicle Access Control Systems for private and public parking areas (premises, depots, universities, etc.)
- Tolling systems
- Fleet management

An excellent solution requires the optimal interaction of reader technology and the used transponders.

FEIG offers with the ID CTF-U the perfect product for safe and comfortable, contactless vehicle identification.

High-performance transponders

The UHF transponders ID CTF-U and ID CTF-U Secure are high-performance transponders with optimal features for vehicle identification.

The high-quality, UV and temperature resistant transponders offer optimal read ranges and need only little space on the windshield.

They can be programmed individually and offer as the Secure variant a high level of anti-counterfeiting and tamper-protection.



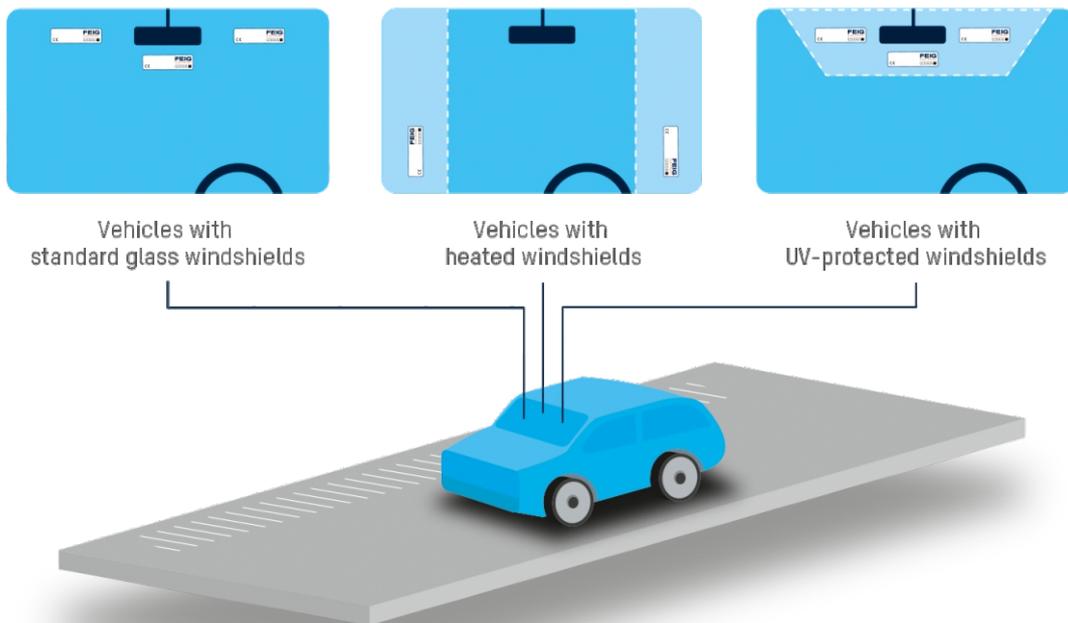


High-Performance Transponder for Vehicle Identification

Read ranges of several meters and a high level of anti-counterfeiting and tamper-protection for comfortable and secure customer solutions.

Product Details	ID CTF-U / ID CTF-U Secure
Dimensions	80 mm x 25,4 mm x 0,3 mm
Protocol	ISO/IEC 18000-63 RAIN RFID / EPC Class 1 Gen2 V2 ISO/IEC 29167-10 (only ID CTF-U Secure)
Operating frequency	860 MHz - 960 MHz
Memory	96 Bit EPC 512 Bit User Memory (1024 Bit for ID CTF-U Secure) 64 Bit TID (96 Bit for ID CTF-U Secure)
IT-Security	„Memory lock“ function Unique, unchangeable serial number 32 Bit Access password for RFID memory Additional for ID CTF-U Secure: Tag authentication with AES using 128-bit secret key Tag privacy based on AES encryption and with EPC Gen2 v2.0 compliant untraceable command
Read range	6 - 8 m
Temperature range (operation)	-50° C up to +85° C
Programming	Unique label number as 10 consecutive hexadecimal digits
Serialization	Unique label number as 6 numeric characters in clear text and 2D barcode

Possible application positions of the labels on the windshield



Stand of information: August 2018.

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