

## UHF



## T200, T210 UHF Card tag and holder

- Fixed ID-code and two programmable memories
- Performance optimised with holder in windshield
- ISO-card size, stands repeated bending
- Printable with standard credit card printers
- No battery; long lifespan

### Description

Scirocco's ISO-thin T200 Card tag has a robust design and fits a practical slide-in holder for windshields, A83. The card conforms to the ISO18000-6C (C1G2) standard and can easily be printed onto using common credit card printers. T200 conforms to ISO18000-6C (C1G2), can be read at up to 200 km/h and has a unique 64-bit Tag ID (TID). It also features two programmable memories: 128 bits (EPC) and 512 bits (UM) respectively.

T200 can be read in groups; in access control systems for instance, it is possible to pair together a personal and a vehicle tag for increased safety. Additional system functionality is possible thanks to that T200 supports C1G2 access and kill commands. The holder is designed for easy insertion and removal of the card; in fact the card's antenna design is such that its performance characteristics are at optimum when it is used with the holder – ensuring the correct distance between card and windshield for maximum performance.

### Technical data

Frequency range	865 - 868 MHz
Polarisation	Linear, E-vector along the longer side of the tag
Read/write range with R600 and A100	7 m reading, 5 m writing (in windshield with A83 holder)
Tag ID, EPC and User Memory	64 bits, 128 and 512 bits respectively
Access and Kill passwords	32 bits, 32 bits
Reading rate with R600	170 reads/s (EPC 96 bits), 50 reads/s (TID), 25 reads/s (EPC + TID + User memory)
Dimensions and weight	86 x 54 x 0.8 mm, 5 grams
Temperature	-20 to +85 °C (operating and storage)
Humidity	95%, non-condensing
Protection class	IP 68
Vibration	6 g (0.02 g <sup>2</sup> /Hz, 0.5 h x 3 dir, 10-2000 Hz)
Bending	±10 mm x 5000
Electromagnetic compatibility	EN 301 489-1, EN 301 489-3
Radio regulation and -protocol	EN 302 208-1, EN 302 208-2 and ISO 18000-6C (C1G2)
Material	Polyethylene terephthalate (PET)

### Key data

ID code	64 bits
Memory size	128 and 512 bits
Read distance	7 m
Passage speed	200 km/h

### Order data

UHF Card tag (separate)	T200
UHF Card tag with holder	T210
Tag holder (separate)	A83
Mounting pad for holder (use three)	A85