



## STR UHF

UHF Desktop reader/encoder

### EPC 1 Gen2 UHF Desktop reader/encoder

The STR is a UHF RFID reader/writer designed for short to medium range applications. Available either in ETSI or FCC version, it allows reading and writing EPC Class 1 Gen2 and ISO18000-6C tags directly with your PC or notebook computer. This reader/encoder features a compact design making it suitable in a wide range of desktop applications: simple tag reading and programming, point of sale, library issuing or access control applications.

#### ▶ Performances

The STR UHF is designed for proximity read and write applications, where transponders are up to 1 meter from the reader. The core component of the STR reader is the new STid UHF Low Power module and offers an optimized ratio size/performance and low power consuming. The desktop reader/encoder can also read several tags at once (anti collision system).

#### ▶ Easy integration

The STR UHF reader is powered and controlled directly by a USB cable, thus allowing to read your UHF tags in an easy desktop environment. Thanks to its low profile and its optimized size (126 x 80 x 24/30 mm), the STR is the perfect reader to be easily and soberly in all your environments.



Access control



Point of sale



Item inventory

#### ▶ ETSI or FCC version

The STR UHF is available either in ETSI or FCC version. The ETSI version is fully compliant to European Regulation ETSI302-208, while the FCC to the US telecommunication regulation FCC Part 15 (902-928 MHz).



### Kits & softwares



#### ▶ UHF Programming kit: Ultrys

Ultrys is a programming software designed to manage independently your STid UHF equipment. Thanks to a friendly user interface, you can create easily user and configuration cards. Ultrys is the software tool to be totally independent for all your UHF RFID applications.

#### ▶ EPC 1 Gen2 Development kit

The UHF DevKit allows to explore the main STid RFID readers capabilities. This UHF development kit includes softwares libraries and makes easier the RFID technology adoption. A programming interface (DLL for Windows, C# and Delphi examples) allows quick and easy integration of the device into your programs. These tools simplify middleware interfacing and enterprise applications as well as the development of new custom applications.

# EPC 1 Gen2 UHF STR

UHF Desktop reader/encoder



## Specifications

|                               |  |
|-------------------------------|--|
| Operating frequency/standards | UHF - ETSI version: 866 MHz or FCC version: 915 MHz              |
| Chip compatibility            | EPC1 Gen 2 / ISO18000-6C   |
| Functions                     | Read and write   |
| Reading distances*            | Up to 1 m  |
| Communication interface       | USB 2.0  |
| Software tools                | DLL for Windows 98, ME, NT, 2000, XP, Vista, Seven<br>USB driver |
| Led                           | Orange   |
| Buzzer                        | Internal buzzer  |
| Power supply                  | 5VDC powered by interface  |
| Material                      | ABS  |
| Dimensions                    | 126 x 80 x 24/30 mm  |
| Operating temperatures        | 0°C to + 50°C  |
| Part number                   | ETSI: STR-W45-E/U04-5AA/1<br>FCC: STR-W55-E/U04-5AA/1            |

\*Caution: Informations about the distance of communication: measured from the centre of the antenna, depending on the type of identifier, size of the identifier, operating environment of the reader, power supply voltage.



UHF development and programming kits available, contact-us. STid softwares simplify middleware interfacing and enterprise applications as well as the development of new custom applications.



TeleTag®  
Windscreen tag



ETA  
Windscreen label



CCT  
UHF card



TML  
All-purpose tag  
Outside mounting



For more security and enhanced usability, a wide range of services and options are available:  
windscreen mounting kit for TeleTag®, serigraphy, sequential or physical printing, self-destructible option etc.



### Kimaldi Electronics

Crta. Rubí 292 B Pol. Ind. Can Guitard  
08228 - Terrassa (Barcelona) Spain  
Tel. 937 361 510 Fax. 937 361 511  
kimaldi@kimaldi.com

Kimaldi Lusa [portugal@kimaldi.com](mailto:portugal@kimaldi.com)

Kimaldi Mexico [mexico@kimaldi.com](mailto:mexico@kimaldi.com)

Kimaldi France [france@kimaldi.com](mailto:france@kimaldi.com)

