STR UHF

UHF Desktop reader/encoder

EPCglobal

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 an 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 librairies 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.
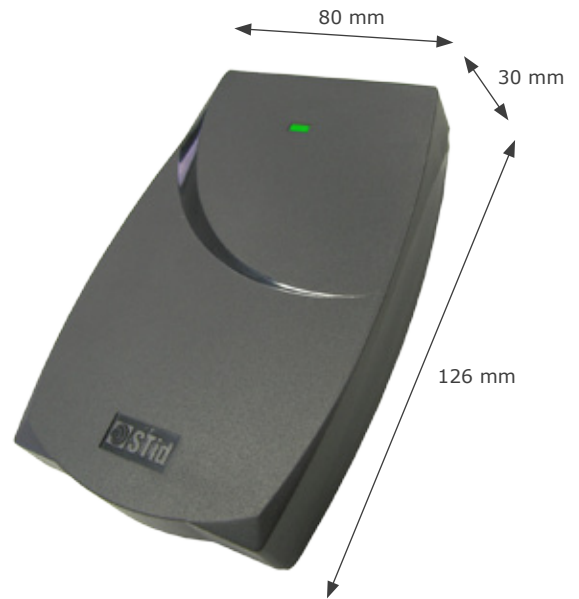
Specifications

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 USB driver
Led	Orange
Buzzer	Internal buzzer
Power supply	5 VDC 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 FCC: STR-W55-E/U04-5AA/1

*Caution: information 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.

80 mm

30 mm

126 mm

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-destructive option etc.

Approved STid reseller

Flyer_STR-UHF-RW_Vehicle_v1.02_US

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