ARC UHF - UHF DESKTOP READER & ENCODER

OFFICE APPLICATIONS | INDUSTRIAL | LOGISTICS

BENEFITS

- Reliability and speed of encoding and enrolment
- Plug & Play installation
- Compatible with SWEDGE and SESPRO software
- Reading and encoding of all types of passive UHF tags
- Sturdy design, suitable for harsh industrial environments

11 Awards

SSCP® Supported by SPAC

UHF | USB / USB WEDGE | RESISTANCE EQ. IP53 | IK10

YOUR LOGO

- Add your Logo
- Casing colors
- Skin effect personalization

Designed to simplify and facilitate your RFID labels and tags enrolment and encoding operations, the Architect® UHF desktop reader/encoder meets all short-range contactless identification needs.

HIGH READING AND ENCODING PERFORMANCE

Thanks to its optimized read and write speed, UHF ARC offers the best size-to-performance ratio on the market.

Featuring *STid Ceramic* technology, its built-in circular high-performance antenna ensures optimum reliability and identification accuracy, even for the smallest passive UHF tags.

EASE OF INTEGRATION

Based on open technologies, UHF ARC is interoperable with existing industrial infrastructure.

The reader complies with international standards EPC1 Gen2 and ISO18000-63, allowing it to support passive UHF technologies (without battery).

The SSCP® protocol and its SDK for Windows-compatible .NET language make it easier and faster to develop custom interfaces.

EASE OF USE

The UHF Architect® reader incorporates a controllable buzzer and two configurable LEDs that are visible from every angle.

These features make it easier to interact with the user during the reading and encoding process.

The USB WEDGE mode enables a Plug & Play reading and enrollment tags.

EASE OF INSTALLATION

The UHF Architect® reader is connected and self-powered directly by the USB interface, thus facilitating its integration and installation in any type of office, industrial and logistics environment.

STANDING THE TEST OF TIME

With its compact, impact-resistant, IK10-certified, and IP53-protected structure, UHF ARC is the most robust UHF desktop reader/encoder in its category.

It is designed for your short-distance identification applications in office and retail environments, but also in the most difficult industrial and logistics environments: encoding station in the factory and production workshop, enrolment station on mobile service, etc.

DESIGNED & MADE IN FRANCE

WE'VE GOT YOUR BACK

STid

(1) See the legal notices on the back

SPECIFICATIONS

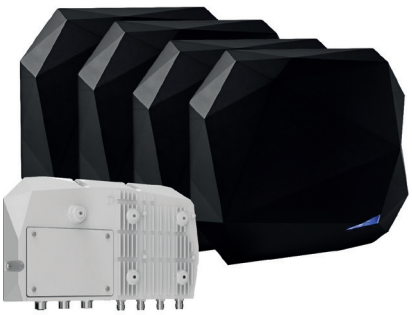
Operating frequency/Standards	UHF - Versions ETSI: 866 MHz (Europe), FCC Part 15: 915 MHz (USA), Morocco (decision n°ANRT/DG/n°7-10), Australia and New Zealand
«Air interface» protocol & functions	EPC1 Gen 2 / ISO18000-63 - Untraceable - Block Permalock - ATA SPEC 2000 compatibility
Functions	Managed (read/write)
Antenna	Integrated circular antenna
Reading performance[1]	Reading up to 40 cm / 15.75'' [1] - Encoding up to 25 cm / 9.84'' [1] Up to 14 dBm[1]
Anti-collision system	Yes
Light and sound indicator	2 RGB LEDs - 360 colors ▲ ▲ ▲ Integrated buzzer can be activated/deactivated - 3 sound levels Indicators controllable by SSCP® commands or SESPRO UHF software
Interfaces & communication protocol	USB 2 - USB 3 SSCP® communication protocol + USB WEDGE (keyboard emulation)
Power supply & connectivity	1.5m molded USB A cable
Materials	ABS-PC UL-V0 (black)
Dimensions (h x w x d) / Weight	107 x 80 x 26 mm / 6.3'' x 3.15'' x 1.02'' (general tolerance according to standard ISO NFT 58-000) / 177,5 grs
Operating temperatures	- 20°C to + 55°C / -4°F to 131°F
Protection / Resistance	Eq. IP53 - Humidity: 5% – 95% Shockproof and tamper-proof reinforced structure certified IK10
Installation	Non-slip loose installation
Certifications CE FC	CE & FCC
Part numbers	ARC UHF - UHF USB desktop reader/encoder - R/W SSCP secure - 865-868 MHz ..... ARC-W45-G/U04-5AA/1 ARC UHF - UHF USB desktop reader/encoder - R/W SSCP secure - 902-928 MHz ARC-W55-G/U04-5AA/1

DISCOVER OUR RANGE OF UHF READERS, IDENTIFIERS AND CONFIGURATION TOOLS

IRONTAG®

Range of industrial UHF tags and labels

SPECTRE



Range of multi-antenna industrial UHF readers

SWEDGE

SESPRO

Enrolment and configuration software

(1) Warning: information on speeds, performances and reading distances: Depend on the reader's installation environment and temperature. External disturbances can cause the reading distances to decrease.

Headquarters / EMEA
13850 Gréasque, France
Tel.: +33 (0)4 42 12 60 60

PARIS-IDF Office
92290 Châtenay-Malabry, France
Tel.: +33 (0)1 43 50 11 43

STid UK Ltd.
Gallows Hill, Warwick CV34 6UW, UK
Tel.: +44 (0) 192 621 7884

NORTH AMERICA Office
Irving, Texas 75063-2670, USA
Tel.: +1 469 524 3442

LATINO AMERICA Office
San Rafael 06470 CDMX, México
Tel.: +521 (55) 5256 4706

info@stid.com
www.stid-industry.com