



ATEX & IECEx  
ATEX & IECEx RFID SERIES

## ATEX & IECEx CERTIFIED SOLUTIONS RFID Identification in Hazardous Areas



### INFORMATION AND SECURITY CONTROL

The RFID lets users manage relevant information for supplying and verifying production and maintenance processes, leading to greater security in explosive environments and isolated areas.

### ATEX & IECEx CERTIFIED READERS

STid has developed a certified RFID reader range to meet the two key industry requirements - high security and reliability. Our solutions are compliant with all the international standards of the market: ATEX (EN60079) & IECEx certifications; European Directives (99/92/EC and 94/9/EC).

### APPLICATIONS IN HARSH ENVIRONMENTS

Our solutions are especially suited for all your identification track and trace applications in hazardous environments which require explosion protected equipment: chemical and petrochemical industries, refineries, nuclear industries, mining...

# ATEX & IECEx CERTIFIED HIGH PERFORMANCE FIXED READERS

## ATEX & IECEx PROXIMITY READERS - ATX & ATX2

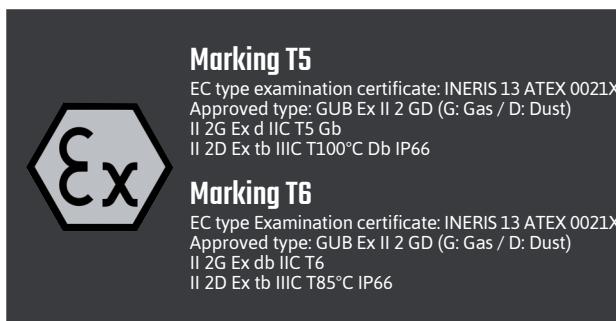
STid has designed a complete range of ATEX and IECEx certified proximity readers for all your access control applications in explosive environments.

- Ex II 2 GD IP66 explosion proof casing.
- Security and settings configurable by card or protocol.
- Many frequencies are available: 13.56 MHz MIFARE® DESFire® EV1 & EV2, 13.56 MHz LEGIC®, 125 kHz, dual-frequency 125 kHz + 13.56 MHz.



ATEX & IECEx

RFID SERIES



## AVAILABLE VERSIONS

	13.56 MHz MIFARE®	13.56 MHz LEGIC®	125 kHz	125 kHz + 13.56 MHz HYBRID
Chip compatibility	MIFARE Ultralight® & Ultralight® C MIFARE® Classic & Classic EV1 MIFARE Plus® & Plus® EV1 MIFARE® DESFire® 256, EV1, EV2 & EV3 NFC, SMART MX, CPS3 (CSN) iCLASS™** / PicoPass® (CSN)	LEGIC® Advant & Prime CSN of chips: MIFARE Ultralight® & Ultralight® C MIFARE® Classic & Classic EV1 MIFARE Plus® & Plus® EV1 MIFARE® DESFire® 256, EV1, EV2 & EV3 iCLASS™** / PicoPass® iCode (ISO15693) Inside	EM4200, EM4x50 T5557 emulated 4102	EM / HID / Nedap Crosspoint - Argina MIFARE Ultralight® & Ultralight® C MIFARE® Classic & Classic EV1 MIFARE Plus® & Plus® EV1 MIFARE® DESFire® 256, EV1, EV2 & EV3 NFC, SMART MX, CPS3 (CSN) iCLASS™** / PicoPass® (CSN)
Reading distances*	0 - 4 cm / 0 - 1.57"	0 - 15 cm / 0 - 5.9"	0 - 4 cm / 0 - 1.57" (13.56 MHz) 0 - 5 cm / 0 - 1.97" (125 kHz)	
Dimensions	270 x 310 x 175 mm / 10.6" x 12.2" x 6.8"			
Resistance	IP66 / IEC 60068-2-6 / MIL-STD-810 / IK10 vandal-resistant reinforced structure			
Part numbers	Available in T6 version Ref. ATX2 ATX-R31-E-103 (RO CSN) ATX-R3x-E-PH5 (RO) ATX-S3x-E-PH5 (RO Secure) ATX-R33-E-PH5-7AA (RO EasySecure) ATX-W3x-E-PH5 (RW)	ATX-R3x-L-LE2 (RO) ATX-W3x-L-LE2 (RW)	ATX-R11-A-E01 (RO TTL) ATX-R12-A-E01 (RO RS232) ATX-R13-A-E01 (RO RS485)	ATX-RXx-E-BF5 (RO) ATX-SXx-E-BF5 (RO Secure) ATX-RX3-E-BF5-7AA (RO EasySecure)

SECARD

sscp<sup>®</sup>

Supported by  
SPAC  
Smart Physical Access Control

Supported by  
OSDP<sup>TM</sup> SIA  
Smart Interoperable Access

## ATEX & IECEx UHF READERS - ATX & ATX4

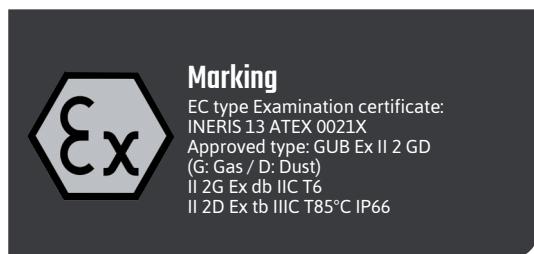
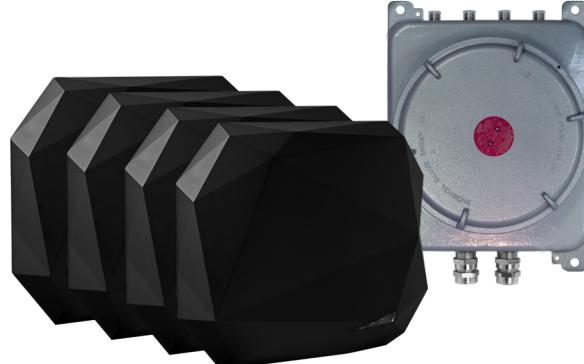
STid offers a comprehensive range of ATEX & IECEx certified **UHF high performance readers** for tracking critical objects and identifying vehicles and improving parking lot traffic flows in explosive environments. The Ex II 2 GD IP66 explosion-proof casing is well-suited to the chemical, petrochemical and nuclear industries, among others.



### UHF INTEGRATED ANTENNA READER - ATX



### UHF READER WITH UP TO 4 EXTERNAL ANTENNAS - ATX4



Applications in Hazardous Areas	
• People identification	
• Vehicle and truck identification	
• Automated plant processes	
• Flow management & tracking on site	
• Track pallets, rolls, containers, returnable items...	

### AVAILABLE VERSIONS

	ATX	ATX4
Chip compatibility		EPC1 Gen 2 / ISO18000-63
Reading distances*	0 - 4 m / 0 - 13.1 ft	0 - 10 m / 0 - 33 ft
The reading distance may vary depending on the type of vehicle, the installation conditions and the local regulations		
Dimensions	270 x 310 x 175 mm / 10.6" x 12.2" x 6.8"	
Resistance	IP66 / IEC 60068-2-6 / MIL-STD-810 / IK10 vandal-resistant reinforced structure	
Part numbers	ATX-RxX-A (RO) ATX-WxX-A (RW)	ATX4-RxX-A (RO) ATX4-WxX-A (RW)

X = 4 - Low band 865 - 868 MHz, 5 - Upper band 902 - 928 MHz

## ATEX & IECEx CERTIFIED UHF INDUSTRIAL TERMINALS - ATX IDENT-EX®

The ATX Ident-Ex® is an intrinsically safe UHF mobile terminal with ATEX / IECEx Zone 1/21 and Class I, II, III, Division 1 approval. Its innovative modular concept offers many configuration options and cutting-edge technology for almost all applications in hazardous and explosive environments.



## DISCOVER OUR FULL RANGE OF RFID CARDS AND TAGS FOR HARSH ENVIRONMENTS



CCT  
RFID & HYBRID cards



TeleTag® / ETA v2  
Removable windscreens tags & labels



IronTag®  
Rugged & flexible on-metal tags

## ACCESS CONTROL & IDENTIFICATION APPLICATIONS IN EXPLOSIVE ENVIRONMENTS



Chemical and petrochemical industries



Oil platforms



Refineries / Distilleries



Dedicated maritime transport (tankers, etc.)



Nuclear power stations



Mining

\*Caution: information about the distance of communication: measured from the centre of the antenna, depending on the type of tag, size of the tag, operating environment of the reader, temperatures, power supply voltage, reading functions (secure reading) and local regulations. \*\*Our readers read only the iCLASS™ UID / Chip Serial Number. They do not read secure HID Global's iCLASS™ cryptographic protections.

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