STid
Electronic Identification

866 MHz
915 MHz

Read only version

GAT NANO reader

Hands-free UHF ultra compact reader

TTL RS232 RS485

ETSI and FCC versions

Hands-free identification

High performance hands-free access control

The GAT NANO is an extremely compact high performance UHF reader. It has been developed for hands-free access control applications and can identify people moving with a total coverage area up to 2 m*.

Total coverage and reliable reading performances

The GAT NANO high performance reader maximizes the coverage area to give an optimal performance in reading tags. It is an ideal system for hands-free access control. The GAT NANO offers an unmatched performance-to-size ratio: up to 2 meters of reading distance with a thickness of less than 4 cm!

Easy integration

The GAT NANO is immediately compatible with existing access control systems, using standard communication interfaces: TTL (Wiegand & Data/Clock), RS232 and RS485. The GAT NANO series is compliant with ISO18000-6C standard and is available in ETSI (Europe) and FCC (USA) versions.

Plug & Play installation

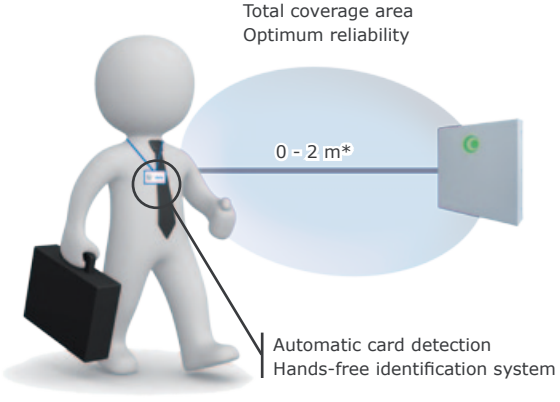
The reader's slim line design and electronics have been specially developed for discreet integration in all areas, where identification may be a requirement - building and parking entrance. The GAT NANO reader requires no electronic configuration and can be very quickly and easily installed and activated. 3 mounting kits are available: wall-mounting, pole-mounting or adjustable wall-mounting kit.

Resistance

The mechanical ultra compact design of the GAT NANO reader has been developed to withstand crowded environments. The UHF reader is rated IP65 and can be installed indoors or outdoors.

Hands-free applications:

- Access control: office buildings, parking, hospitals, etc.
- High volume entrances: universities, libraries, factories,...
- Warehouses: reception areas with automatic doors
- Office buildings and hotels lobbies
- Easy door access for disabled



***Caution**: information about communication range: Distances measured with a specific ISO card, referenced by STid. Actual range depends on reader set-up. External interference can lead to shorter distances.

GAT NANO reader

Hands-free UHF ultra compact reader

Specifications

Operating frequency/standards	UHF - ETSI version 302-208: 866 MHz or FCC version: 915 MHz
Chip compatibility	EPC1 Gen 2 / ISO18000-6C
Functions	Read only
Reading distance*	Up to 2 m
Anticollision system	Yes
Communication interfaces	- TTL: ISO2 (Data Clock) or Wiegand protocols - RS232 - RS485
Connections	Removable connector
Reading indicator	RGB multicolor led and buzzer
Power requirement	1A max. / 12 VDC
Power supply	9/36V - power supply as an option typ. 12VDC
Material	White PVC - Fire classification M1 (non-flammable)
Dimensions	21.4 x 20.4 x 3.75 cm
Operating temperatures	- 20°C to + 55°C Inside / outside use
Resistance	IP 65 Humidity: 5-95%
Tamper switch	Optional tamper switch
Mounting	- Wall-mounted - Adjustable wall-mount kit - Pole-mounted
Part number	Read only ETSI: GAN-R4x-EU04-xx/2 Read only FCC: GAN-R5x-EU04-xx/2 Interface choice x: 1- TTL ; 2 - RS232 ; 3 - RS485

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UHF Programming Kit - ULTRYS

UHF programming kit to create «configuration cards» for readers and «users cards».

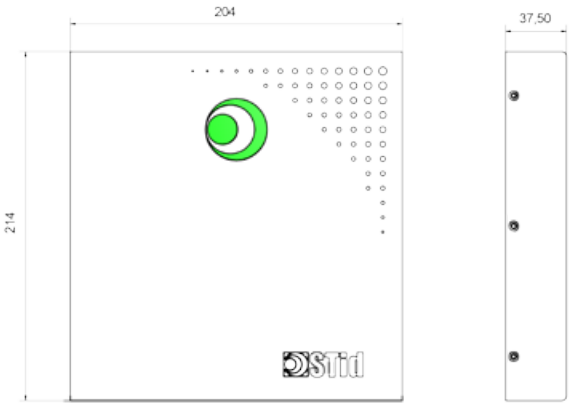
Standard ISO cards
Hybrid Mifare ISO cards

Labels

Teletag

BAP
Wristbands
(Battery Assisted)

Dimensions (mm)



Flyer_GAN-RO_v1.00_US

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