TELETASK
trendsetter in domotics

TDS122xx **Proximity tags for access control**

The TELETASK Proximity tags are designed to provide secure, contactless access in conjunction with the TELETASK proximity reader TDS12142. The various types of proximity tags are equipped with a sensitive transceiver antenna and a secure intelligent chip that contains the necessary identification data for highly secure contactless access control. The system is powered by the proximity reader unit, so the tags do not have batteries and are 100% maintenance-free.

A TELETASK tag is much more than secure access control. Each user has a unique tag, to which additional actions can also be linked.

EXAMPLES

The gardener can open only the gate on the driveway on Tuesdays, and never the entrance to the home. When he arrives, the water valve for the outdoor taps is opened until 7 pm. As for frost protection, this is only executed above a minimum outdoor temperature, for example 7°C. When the gardener arrives, the garden power sockets are also activated, so that electric tools and battery chargers work—without needing to ask anyone inside the home.

- The applications are endless, and always secure. For example, as children grow up, they can also have a tag to open gates/doors, but to optimise safety, only the parents' tag can operate the motorised pool cover.

- When the children arrive home, the parents receive a notification on their mobile phone or on the keypad in the home office: "Robert has arrived home safely!"

PRIVACY

The advantages of a TELETASK tag compared with a keypad code are obvious. A code can be shared instantly and repeatedly with third parties. That third party can then share the code again, and so on. A code saved on a phone can be hacked. A TELETASK card or tag, by contrast, can only be handed over physically, and the person who gives it away no longer has it himself and cannot prove that he/she still has the tag in possession.

When changing a keypad code, every user must be informed of the change. A TELETASK tag is unique and does not affect other users. The owner can block or delete a lost or stolen tag, from anywhere in the world via his protected TTcloud account. The person who finds it cannot use it, and access to your home remains secure.

Another advantage is that, unlike an access code, a TELETASK tag is in some way also traceable. With a code, you do not know who uses it. With a TELETASK tag, you know exactly who it belongs to and when and where access was granted, because his/her unique ID is entered into the system during commissioning.

APPLICATION

The TELETASK access control cards and tags not only provide secure access control. The TELETASK system also records every permitted or refused access attempt. This data is securely stored in the G3 central unit and, at configurable intervals (daily/weekly/monthly/or at memory full), the central unit can securely email the log data in .csv format to a pre-set email address (of the owner or the HR manager).

TIME REGISTRATION

This is particularly interesting for applications where you want to be able to check afterwards who gained access at a certain gate/door, and when (or who was refused). With entry and exit registration, working hours can also be calculated, etc. The user can do this himself in a spreadsheet that he configures and processes according to his needs.

LIVE MONITORING

Users with a paid ATMOS app can monitor access live. This can be done locally (for example on the HR manager's PC) or remotely on a smartphone or tablet. Application example: From their mobile phone, parents of young schoolchildren and/or home owners with household staff can monitor access movements live.

For privacy (GDPR-compliant) reasons, this logging is disabled by default, but your system integrator can enable it per person and will of course, inform each person accordingly.

Is Mr or Mrs X currently present in the office or warehouse…? Has the babysitter arrived yet? Have the children returned home from school? What time did the cleaning service arrive and leave last Tuesday? In a spa center: Are there guests in the sauna area? The limits are your imagination...

The tags can be used in combination with one or more TELETASK proximity reader units of the type TDS12142xx (available in different versions).

WHICH TYPE OF TAG SHOULD YOU USE?

The card version is convenient to store in a wallet or card holder that you always carry with you.

The keyring version is suitable for attaching to the ring of a keyring. If that keyring also contains the key for your car, home or building, you always have it with you.

The wristband version is ideal for applications with frequent access and where water resistance is required.

Some application examples:

- A gardener or logistics employee who regularly needs to open a gate, fence, warehouse, etc.
- Members and staff of sports clubs with outdoor activities and multiple entrances. On a golf course, club members can access certain areas. The technical managers can optionally also gain access or operate certain items (a pump, technical pavilion, etc.).

You can use up to 500 tags in a TDS installation.

TAG VERSIONS

There are three versions available, each with a built-in antenna and a secure transceiver chip. The three versions are:

1. ISO access card
2. Keyring tag
3. Wristband tag

The card and wristband tags are water proof (use in the rain, in a swimming pool, spa, sauna...)

SETTINGS

Programming: via PROSOFT. Consult the USERSOFT manual for more information (PROSOFT 5 on G3 central units).

HOW CAN YOU MANAGE THE TAGS?

Management and deletion of a card or tag can be done by the system integrator via the PROSOFT configuration software and, once configured in PROSOFT, online maintained via TTcloud. The end users can, at any time, via their TTcloud account, temporarily or permanently take certain tags out of service.
Consult the PROSOFT/USERSOFT manual for more information (PROSOFT 5 on G3 central units).

SOFTWARE VERSIONS

From PROSOFT V2.74 onwards, the TDS12142xx proximity readers and the three types of tags can be used for access control. With older hardware versions (G2 central units), like the ATMOS app, not all of the above functions are available.
From PROSOFT 5.0.x and higher, all of the above features and applications are available.
You can use up to 500 tags in a TDS installation.

CONNECTIONS

Contactless connection between tag and reader when the tag is brought into close proximity (up to 20 mm) of the reader.

DIMENSIONS

Card: 85 L × 54 W × 1 mm thick = ISO bank card format.
Keyring tag: 39 W × 34 H × 6.5 mm thick.
Wristband: available in three different sizes: Small = 55, Medium = 65 and Large = 74 mm diameter.

ORDER REFERENCES

Note:
- The card and keyring tags are available per piece, per 5, and per 20 pieces.
- The wristbands are always packed per 5.

TDS12202 Proximity CARD – 1 piece
TDS12206 Proximity CARD – 5 pieces
TDS12221 Proximity CARD – 20 pieces
TDS12203 Proximity keyring TAG – 1 piece
TDS12207 Proximity keyring TAG – 5 pieces
TDS12223 Proximity keyring TAG – 20 pieces
TDS12210GS Proximity WRISTBAND size: SMALL (55 mm) – 5 pieces
TDS12210GM Proximity WRISTBAND size: MEDIUM (65 mm) – 5 pieces
TDS12210GL Proximity WRISTBAND size: LARGE (74 mm) – 5 pieces

PRODUCT OVERVIEW

TDS12202	TDS12203	TDS12210xx