# Multiaccess ATB / access system to companies, car parks or hotels



**MULTIKEY**
door/door opener

RFID

**STANDARD-PC**
**with Admin-SW**
manages licence plates,
PINs, QR-Codes, RFID-
cards

FORWARDER
DELIVERY

PRODUCTION

ATB

ADMINISTRATION

Main entrance

**LPR pillar**
**licence plate**
**recognition**
with camera
optionally with
infrared spotlight

**MULTIPASS**
with touch-display.
Can manage up to 4
Multikeys and 2000
accesss data

RFID

**MULTIPASS**
: touch-display

RFID

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## Multiaccess Basic

Multiaccess is a flexible, expandable access system.

Personal access data and license plates are managed from a local basic module or from a location-independent central module.

The basic equipment consists of a Multipass Lite which can operate up to 4 Multikeys (door or gate opener). One Multipass can manage up to 2000 access data.

A standard PC is sufficient for the Multiaccess administration software. From this PC, the current access parameters are automatically loaded onto the Multipass Lite.

Access parameters can thus be changed on a daily basis and limited in time from the outset, for example.

The Multikey for opening doors and gates is operated via a PIN pad or a contactless RFID card. The modules are normally connected to each other via Ethernet. This is also used as the power supply for most modules (PoE).

## Upgrade 1: Multiaccess Plus

If the system is to be expanded to include access control or other reading options such as a QR code reader, a multi-pass is also required. This can read RFID tags as well as QR codes or barcodes. A PIN or the license plate can also be entered as identification.

The Multipass can also control a barrier and evaluate induction loops.

It is also possible to connect cameras to the Multipass for automatic license plate recognition. As soon as a license plate is detected, the barrier opens automatically. In the Multiaccess software, the license plates with entry authorisation can be stored or QR codes can be generated for guests to enable them to enter.

As described above, the QR codes can be sent for a limited period of time and as an e-mail, e.g. in invitation letters. In the standard case, if no parking fee is to be charged, the exit is regulated via an induction loop.

## Upgrade 2: Multiaccess Pro

If the system is to be used for a larger number of people and/or vehicles and there may still be different locations to manage centrally, a web-based cloud solution is ideal.

This convenient solution offers considerable expansion possibilities, especially in the backend, which range from reservation systems to accounting systems for parking spaces.

Even an online reservation for customers including online payment (hotel reservation with parking reservation) is possible and is also realized via the license plate number or a QR code.

## Upgrade 3: Multiaccess Professional

If the parking spaces are to be additionally rented during the day or night or even used by short-term parkers, the system can be rounded off with a payment terminal.

This can be offered in combination with a barrier or without a barrier.

Example:

- The short parker drives in with a license plate recognition system (LPR, ANPR).
- The license plate must be entered at the payment terminal before the exit.
- The amount is calculated by the BackOffice and paid at the machine.
- The customer leaves

## Upgrade 4: Multiaccess Enforced

If the parking lot is to be monitored and warnings are to be issued if the parking fee is not paid, it is possible to book this via a service.

Keeper enquiries are automatically submitted to the Federal Motor Transport Authority.

The first step is to request payment of the parking fee at a later date. This is followed by a reminder with a processing fee and, as a last option, a legally binding lawyer's letter.