

Hello! We are Axess.



# **Axess AG**

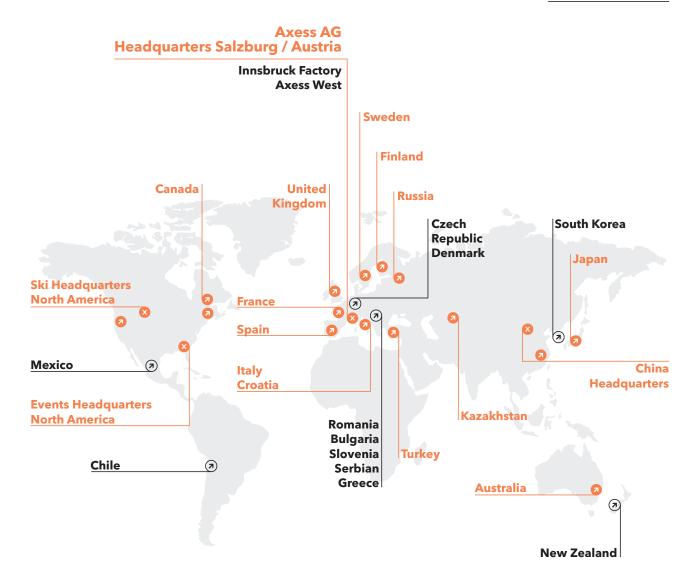
# We enhance customer experience

Individual: all Axess products are freely combinable with one another. Thanks to their modular construction design, our innovative ticketing, cash desk and access solutions can be precisely tailored to meet your individual requirements. Our

future technologies can be retrofitted with ease at any time. At Axess, everything comes from a single source. From access tickets that we make ourselves, to individual hardware components, to the appropriate software for the collection and

management of information and data. More than 2 billion transactions are conducted via Axess systems worldwide. At the same time, over 200 million RFID cards have been in use.







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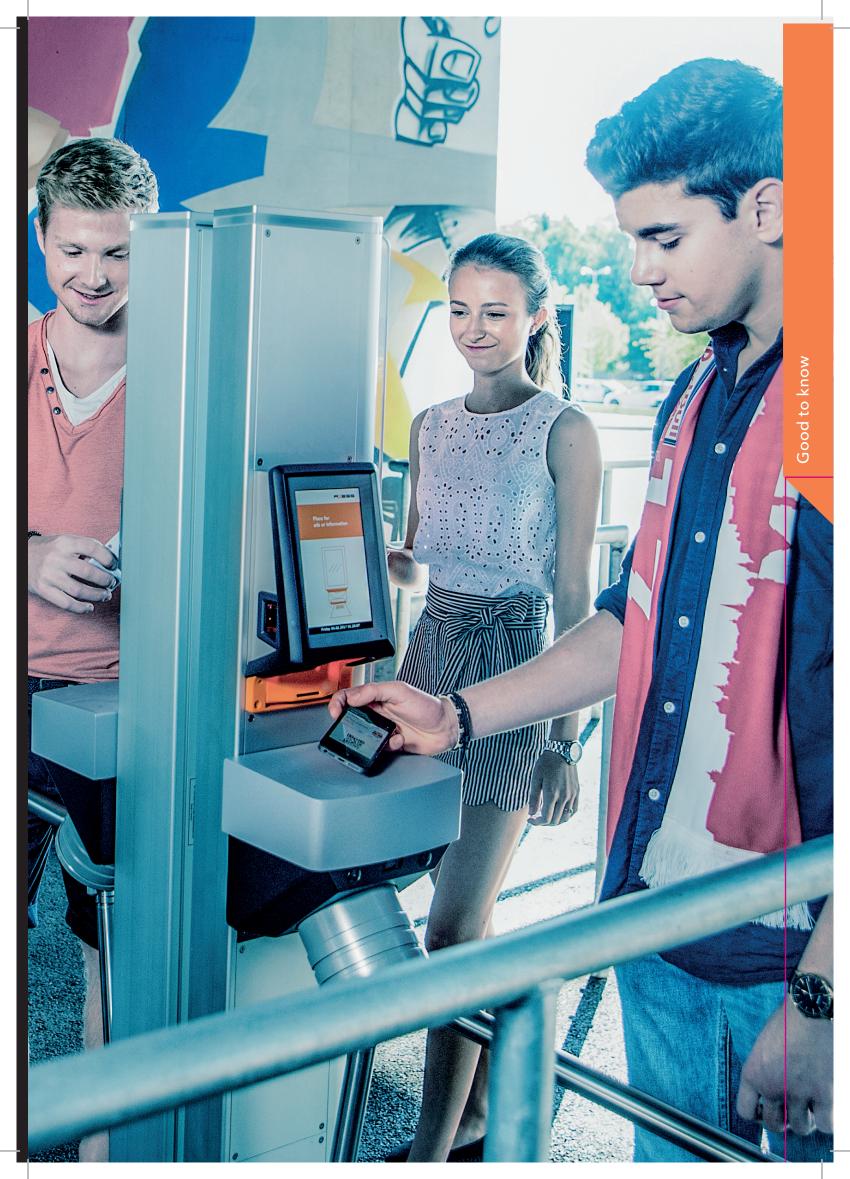






# Good to know

We make every effort to design our products so that they can be operated intuitively. That's why we've enlarged our displays over the years, introduced touchscreens and, with our symbols and icons, guarantee a high degree of userfriendliness. Many products can be individually customized to enhance the recognition factor of the operator's or resort's brand. The displays can be set up directly by the operator and be replaced as often as required. Flexible, individual customer communication is thus guaranteed. Information about weather, free rides, special offers or warnings can be transmitted to the gate displays within seconds. In order to offer guests the best possible convenience during use, the module parts which are supposed to trigger an interaction are in orange. This means that it's immediately clear to a guest where they need to place their ticket in order to gain admission.



# Orange Guides The meaning of the color

Orange is both the main color of Axess and the color of our Orange Guide. It marks every point where the guest's interaction is required. This means you can tell straightaway where the ticket must be held in order to be recognized. The orange area shows the optimal position for reading the ticket. This is always the same with every hardware product and makes it easier for the guest to enter quickly or retrieve data and information.







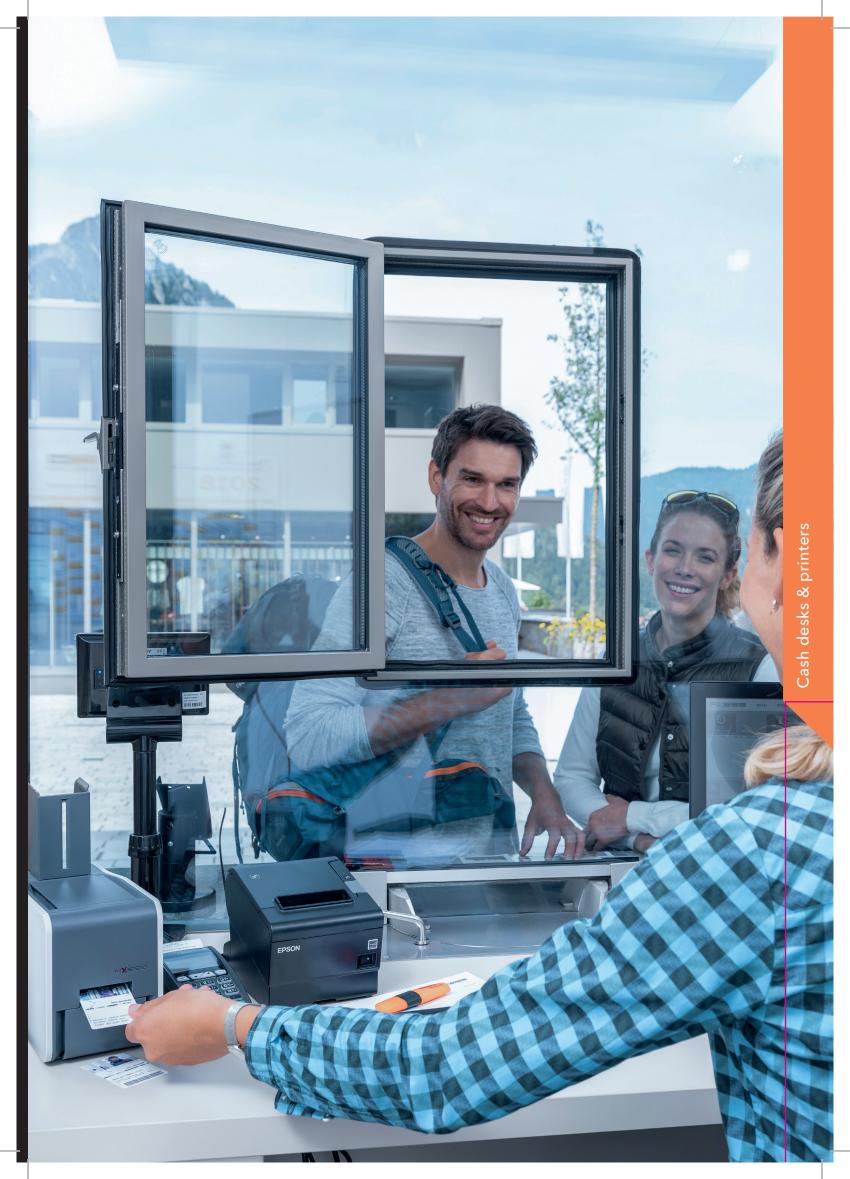


# Cash desks & printers by Axess

Point-of-sale (POS) solutions, ticket machines, printers and self-service stations can be perfectly integrated into any Axess system. All hardware and software components are connected via Axess's highly efficient and secure **DATACENTER**.

This combination offers you optimal sales performance. The Axess SMART POS's intuitively operable interface not only looks great, but wins you over with its wide range of functionality. Different tariffs can be stored and additional services or of-

fers can be easily integrated. Up-todate reports for both management and employees can be retrieved. All transactions are clearly available and give an overview of all points of sale that are integrated.



Axess

**SMART PRINTER 600** 

# **Axess SMART POS**

# The powerful POS system

An efficient and stable cash register system is extremely important when welcoming high numbers of visitors. The Axess **SMART POS** makes your life easier in this regard thanks to its rapid ticket issuing capability and secure, efficient payment management procedures. A touchscreen also enables the system to be operated intuitively and

easily. The easy-to-read customer display gives the visitor an overview of fees and other details. With the integrated camera, photos can be taken for personalized tickets, thus preventing them from being passed on to third parties. The receipt printer is also able to print tickets and receipts with a barcode.

- > Individual positioning of keys
- > Several key levels (tickets, items, packages etc.)
- > Color specifications and groupings (by frequency or event)
- > Rapid ticket production using up to four Axess **SMART PRINTER 600** printers
- > Reports on the voucher printer



# Axess HANDHELDS

# Mobile cash desks with an intuitive operating system

The various models of the handy Axess **HANDHELDS** are not only particularly robust and weather-proof, but are also equipped with a high-quality touchscreen, including a color display suitable for use in daylight. This allows you to work comfortably in any lighting conditions. An intuitive operating system removes the need for extensive training. Automatic updates are directly downloaded and installed

on the device via Wi-Fi. Due to its low weight, the **HANDHELD** can be used effortlessly when on the move, all day long. It works perfectly with both Wi-Fi and LTE. The **HAND-HELDS** can also be used as a ticket inspector or ticket reader, whereby comfort can be further improved with an optional pistol grip.

#### In short

- Intuitive operation without the need for time-consuming training
- Light, solid and weatherproof design
- Touchscreen suitable for all lighting conditions
- > Mobile ticket checking or issuing
- Reading of 1D/2D barcodes; optional reading of chip cards according to ISO 14443 and ISO 15693
- Automatic updates via Wi-Fi and ITF



#### Handheld

Lightweight, solid, weatherproof design for unlimited outdoor use

# Color display with touch function

High-resolution color display for optimal operation in any lighting conditions

#### Operation

Intuitive touchscreen like on a smartphone



Mobile printer Simple, wireless issuing of tickets and receipts





# **Axess SMART PAD 600**

# **Efficient writing and reading of tickets**

The Axess **SMART PAD 600** writes and reads RFID chip cards. It's a cost-effective alternative if ticket imprinting is not required. The **SMART PAD 600** is a solution for partner companies such as hotels or other pre-booking offices. It's also used in the Axess **RESORT.LOCKER** system. Here, guests can administer

their personal locker themselves. The compact multi-talent is a highly versatile device with an integrated antenna. This is used to initialize the card when it is laid on the reader. The status LED has a traffic light mode to advise about the read or write process.

#### In short

- Writing and reading of RFID tickets
- Antenna, USB, LAN and KEYBOARD WEDGE
- > NFC
- > ISO 15693
- > ISO 14443



In the data memories of RFID smartcards in ISO 15693 and ISO 14443 format



Antenna
With a range of up to 10 cm

# **Axess SMART PRINTER 600**

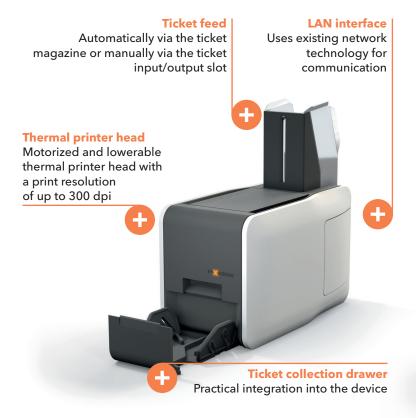
## Delivers top performance: the printer for the POS

A ticket in just a few moments: the Axess **SMART PRINTER 600** really speeds things up for you. Because the **SMART PRINTER 600** prints, deletes, describes and reads tickets of all common ISO standards in just one step. Issue everything using one device: whether barcode

tickets or RFID cards, the **SMART PRINTER 600** can do it all. Users are able to switch to new card types easily and rapidly. Details such as its integrated ticket collection drawer and its status LED help ensure a quick work process.

#### In short

- Reading and writing of Smart Cards and barcode tickets
- Graphic and thermal direct printing
- Cardboard and plastic cards can be processed
- Ticket standards ISO 15693 and ISO 14443
- > LAN interface
- Integrated collection drawer for tickets



# Optional Also available without ticket magazine





# **Axess PICK UP BOX 600**

# **Prepaid ticket issuing in seconds**

Getting a ticket has never been easier. Within seconds, the Axess PICK UP BOX 600 dispenses the ticket previously purchased in the Axess CONNECT.APP or in the Axess WEBSHOP. This makes queuing a thing of the past. Its space-saving, solid construction makes for easy installation and integration on-site, as well as for reliable operation in all weather conditions. Thanks to its modular design, the PICK UP BOX

600 is also easy to maintain and can be retrofitted with the latest technical innovations at any time. Multiple tickets can be issued simply by scanning the QR code for a group. All tickets can then be printed out with the PICK UP BOX 600. In addition, vouchers for special offers can be printed out by connecting the Axess BADGE BOX 600 - for instance for offers, discounts on services or free souvenirs.

- Issuing of barcode tickets or smartcards
- > Weatherproof
- > Slim fit
- Intuitive operation ensures smooth self-service
- Individual customer layout for operating instructions panel
- Screen for marketing information or advertising
- > Remote maintenance
- Group tickets
- Optional Axess BADGE BOX 600 for special offers or information



# **Axess TICKET KIOSK 600**

# The smart genius among ticket machines

Multifunctional and interactive: the Axess TICKET KIOSK 600 combines smart technology and user-friend-liness, thus creating a new class of ticket machine. It enables tickets to be purchased quickly and conveniently around the clock and relieves checkout staff at peak times. The TICKET KIOSK also makes it possible to issue tickets based on internet reservations. The Axess TICKET SCANNER 600 reads barcode and RFID tickets as well as print@ home or QR codes on smartphones, thus enabling fast and practical

self-service for visitors. The 27" color display, including touch function, provides a good overview of information, with the viewing height of the monitor being ergonomically adjustable. This also makes it suitable for ADA. The **TICKET KIOSK** also has a range of payment options, including country-specific terminals, and is equipped for the usage of NFC solutions. The second generation will also offer ticket returns and the repayment of deposits.

#### In short

- > Touchscreen / ADA mode
- > Coin module
- > Banknote reader
- > Payment via NFC
- > Indoor and outdoor areas
- > Ticket issuing
- > Repayment of deposits
- > External screen management
- > Optional banknote return function

# High-resolution 27" touchscreen display

Intuitive menu navigation with ADA mode - service menu for maintenance

#### **Axess TICKET SCANNER 600**

Reads RFID cards in accordance with ISO 14443 or 15693, as well as barcodes and QR codes from mobile devices



#### Menu navigation

Menu navigation in left to right flow of reading

#### NFC

Payment via NFC possible

#### Layout

The **TICKET KIOSK 600** is designed for indoor and outdoor use

# **Axess TICKET FRAME 600**

# **Design: picture frame - Function: ticket machine**

The Axess **TICKET FRAME 600** sets new standards. The design suggests a picture frame, so perfectly shaped does it hang on the wall. In standby mode, a painting, company photo or other image can be displayed. In active mode, a whole range of features are hidden behind it: for instance, you can load

an admission ticket, day ticket or other ticket in seconds at the new machine. By entering the WTP number of an existing card and paying by credit card, the ticket is activated. Access or entry to the venue, destination or train is free and can happen immediately. Without an existing ticket to hand, a voucher

with a QR code can be printed out. The valid ticket is then issued at the Axess **PICK UP BOX 600**. Both procedures are carried out without human contact, thus protecting the health / coronavirus infection risk of your guests. By the way, it's also clearly the fastest way to get a ticket on-site. And 24 hours a day at that.



#### In short

- > Express topping-up of tickets
- > Express issuing of vouchers
- > Individual display motifs
- › Modern design
- Simply hung on the wall like a picture
- > Flat like a TV screen
- > All major credit cards

**Payment** 

With all major credit cards

**Output compartment** 

With the voucher directly to the Axess **PICK UP BOX 600** 

**Axess SMART PAD 600** 

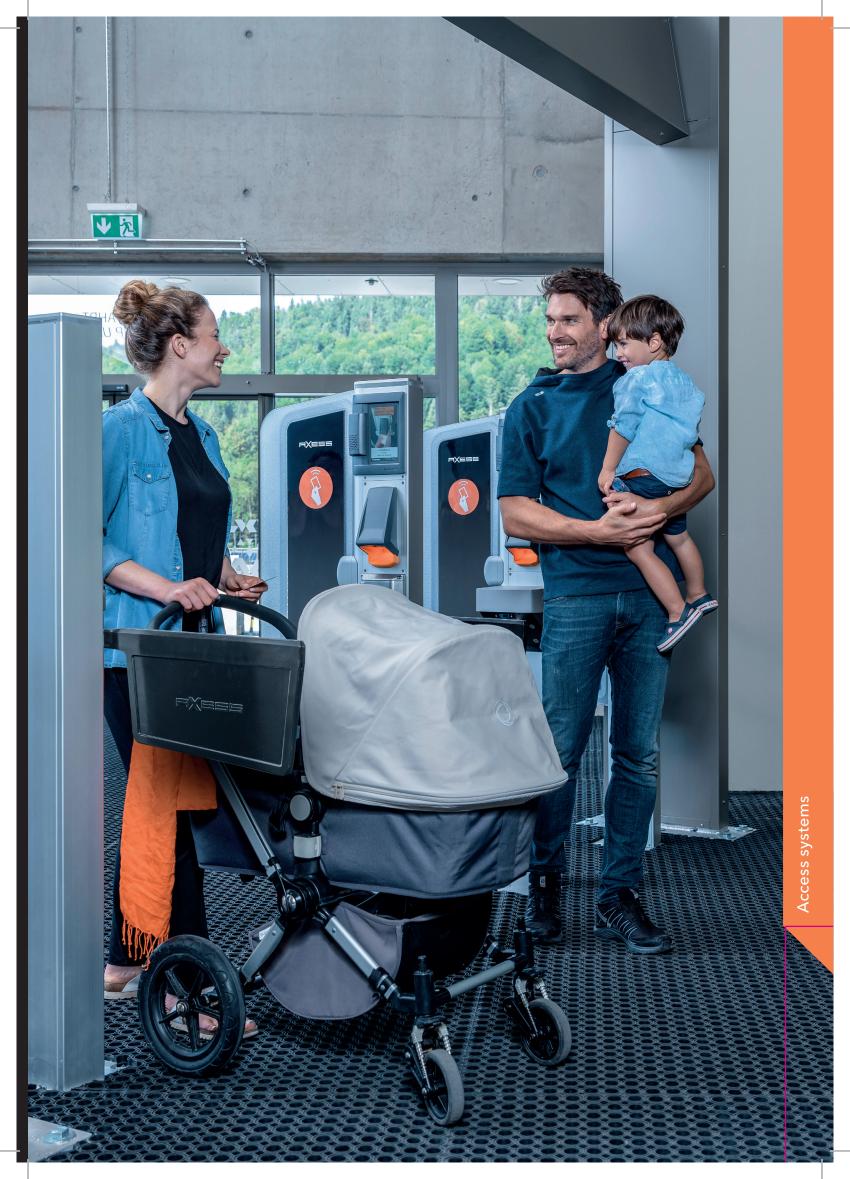
Top up existing tickets again

# Access systems by Axess

Thanks to their modular design, solutions from Axess can be adapted to individual requirements on-site. Future Axess products can easily be retrofitted. Whether hanging (gantry-mounted), stand-

ing (floor-mounted), on a pallet (floor-mounted on pallet) or with Wi-Fi and battery pack without any cabling - Axess gates offer a variety of mounting options. Axess access systems are available in Turnstile,

Flap, Flap Glass and Paddle versions, as well as in the ADA version for barrier-free access. Rely on our advice! With our dedicated service we also ensure that you can rely on your access system at all times.



# **AX500 Smart Gate NG**

### The flexible access system from Axess

The basis of a good access system is a reliable gate which continues to function smoothly in all weather conditions and after millions of opening and closing operations. However, modern gates also need to be able to communicate with one another and be capable of integra-

tion into a smart software system. The **AX500 SMART GATE NG** is an intelligent gate that can be flexibly adapted to any requirements. The mounting types, antennas, readers and sorting devices can be selected individually.

- > Hands-free contactless entry
- Robust vertical columns in anodized aluminum
- Individual opening and closing speeds
- Individually configurable due to a modular design
- > Simple retrofitting
- > Remote support
- Optional: accessibility via extra-wide version (ADA)

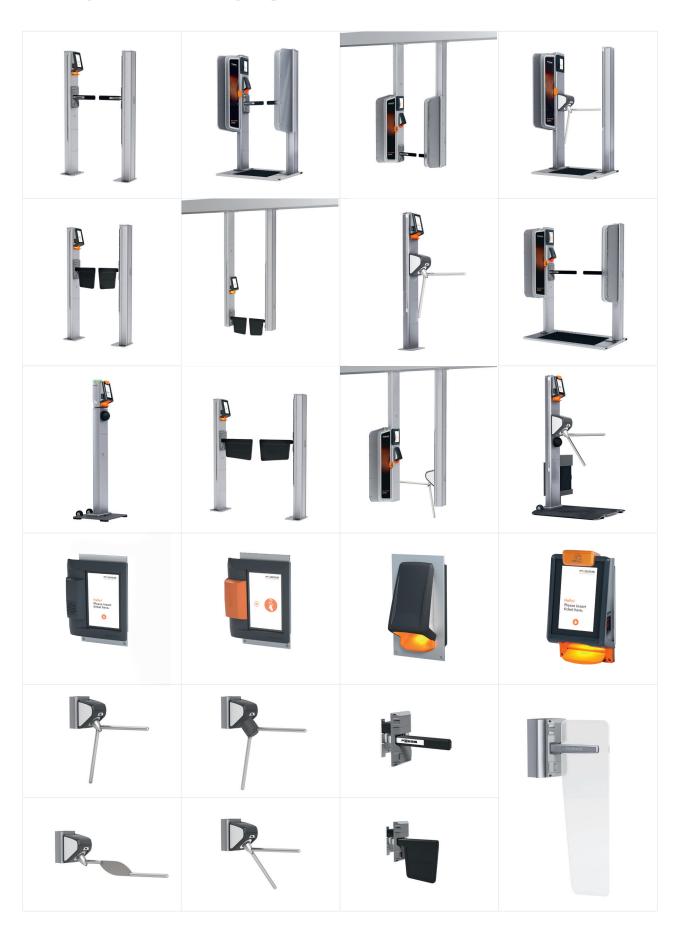


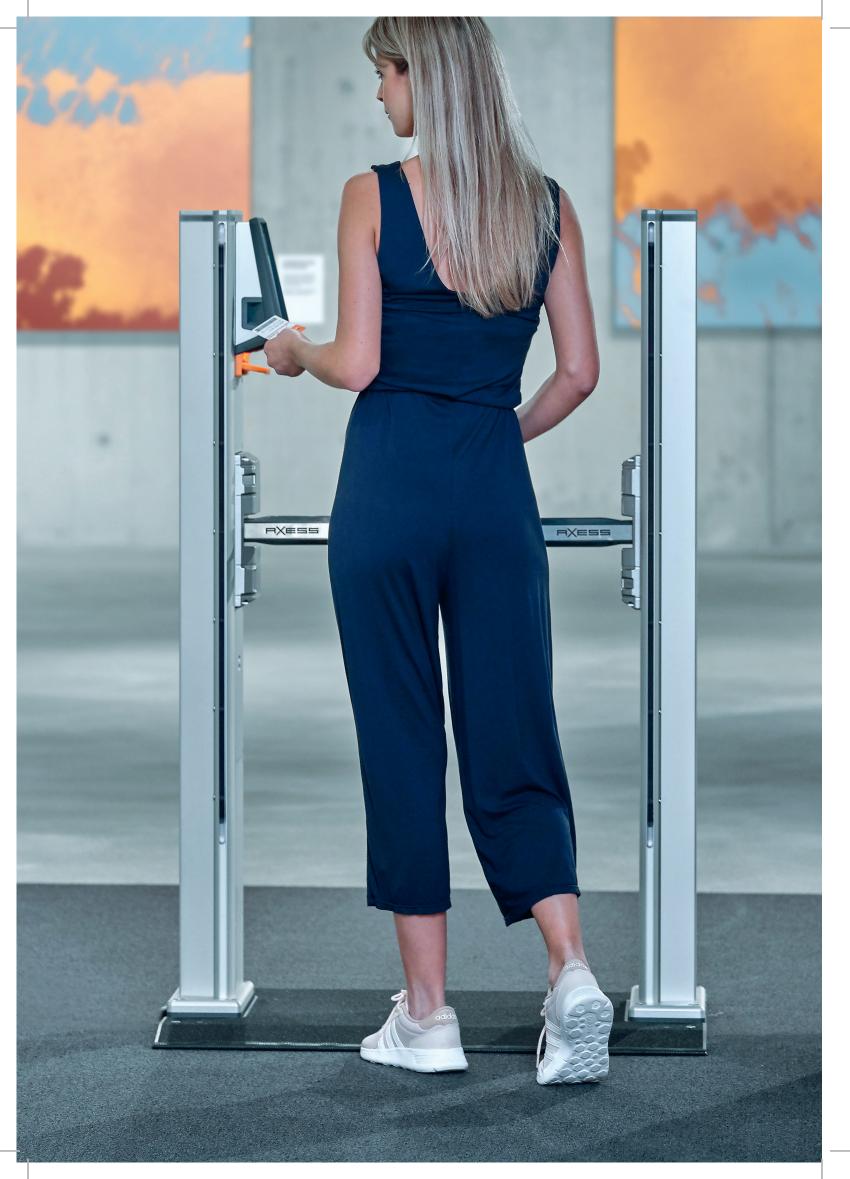
- + Type of installation
- + Antenna
- + Reader Scanner
- + Separation



# The Axess modular system

**One system – many options** 





# The Axess pallets

# Flexible and movable access points

The AX500 Smart Gate NG can be mounted easily, stably and quickly on the Axess pallet. Pre-stipulated installation positions ensure the correct observance of distances and angles. The access point is usually factory-installed on the pallet. This enables quick positioning and set-up on site. The integrated cable ducts easily conceal all cables. Multi-channel access can be achieved simply by screwing pallets together. For use in outdoor areas, the aluminum pallets impress with

their robustness. The integrated rubber mat offers optimum slip protection in damp outdoor conditions. The mat can easily be removed for cleaning. The indoor version of the pallet offers the same standard as the outdoor pallet. The floor of the indoor pallet features a non-slip base and impresses with its perfectly shaped design. With its Wi-Fi and battery pack, the Mobile Stand is completely mobile and can be set up as desired.

#### In short

- > Quick assembly on site
- > Fully assembled gate on delivery
- For use both indoors and outdoors
- Mobile positioning thanks to Wi-Fi and battery pack
- > Weatherproof
- > Can be installed in multiple rows
- › ADA











# Mobile pallet Design in single, double or ADA possible





#### **Mobile stand**

In use when no other modules are in use / installed, primarily in VIP areas

# **Smart Gate installation types**

# Variable fixing options

The gantry-mounted **AX500 Smart Gate NG** features an impressive height-adjustable floating suspension. This means you're not dependent on the snow depth on the ground and gives your snow machi-

nes a free run for grooming. Skiers on the other hand are provided with maximum comfort when skiing through, as there is no fixing to the ground. The pallet-mounted version guarantees more flexible access. This is installed quickly and easily linked up on a firm underfloor. A "floor-mounted" option gives all the convenience of a fixed installation.







# **Smart antennas**

# **Hands-free - contactless entry**

The antenna ensures contactless entry. It is mounted on one or both sides of the gate as a module. It allows guests contactless entry by automatically recognizing tickets and releasing the gateway without anything having to be touched. The antenna plate's design can be customized on request and can also be used as advertising space. The new Axess SMG ANTENNA UHF and the Axess SMG ANTENNA DUAL offer this contactless access

featuring specialized technology. The ticket is read in the antenna area and checked online for validity. Optionally, an additional UHF antenna can provide information about the number of people waiting or the number of guests in a particular ski hut, sightseeing attraction or restaurant. This gives both the operator and guests a good overview of the waiting times or the occupied/vacant seats and tables.



# **Contactless entryways**

#### **Turnstile**

The turnstile is robust and weatherproof. It offers a state-of-the-art design for both indoor and outdoor access points. A contactless light sensor area detects an approaching person and moves the arm of the turnstile to enable the guest to pass through. The two-armed design prevents a guest from getting trapped. Arms rotate in both directions to allow both entry and exit. In the case of the Panic Mechanic model, the arms drop automatically to clear the way if there is a power cut or an alarm sounds.

#### In short

- > Contactless walking through
- Customized opening and closing speed
- > Closed position acts as a barrier
- Use in both directions entry and exit at one gate possible
- > Use as an escape route











# Flap, Flap Glass and Paddle

Short opening and closing times characterize the **Flap** from Axess. Thanks to intelligent sensors, it can distinguish between people and objects such as ski poles or

walking sticks. The Flap Glass is the elegant version for indoor areas, with glass doors. The paddle makes an entrance particularly secure, because it prevents someone from

ducking under the paddle. The option with extra wide arms (ADA) ensures barrier-free entry for all modules.









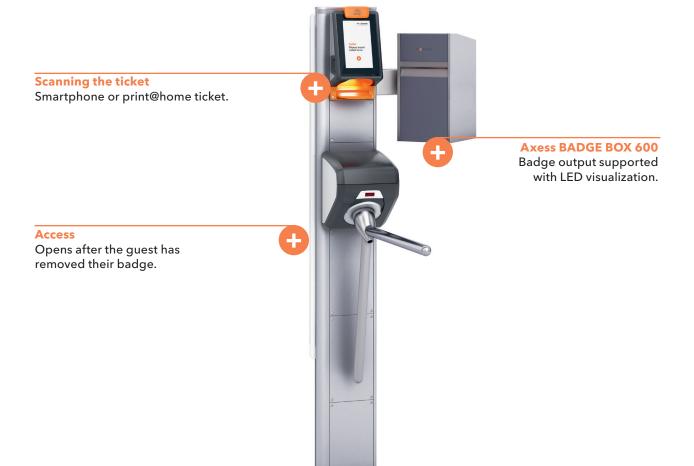
# **Axess BADGE BOX 600**

# A badge printer directly at the access point

A smart update to the **AX500 Smart Gate** enables badges to be printed right at the access gate to the event location. The registered guest scans their ticket directly from their wallet, smartphone or print@home at the terminal's scanner and can pass through the gate once their badge has been issued. Printing takes place within seconds and the badge contains all information about the registered visitor.

For visual inspection, information on access areas can also be printed. With a ticket purchased online, a trade visitor badge can be printed out directly at the entrance. This means that trade visitors, press representatives and VIPs are able to enter events more quickly. Long queues at cash desks and registration booths are very much a thing of the past.

- Badge printing directly at the gate
- > Up to 1,000 badges per roll
- Viewing panel to the rear to check fill level
- > Status information via an illuminated output slot



# **Axess SMART TERMINAL 600**

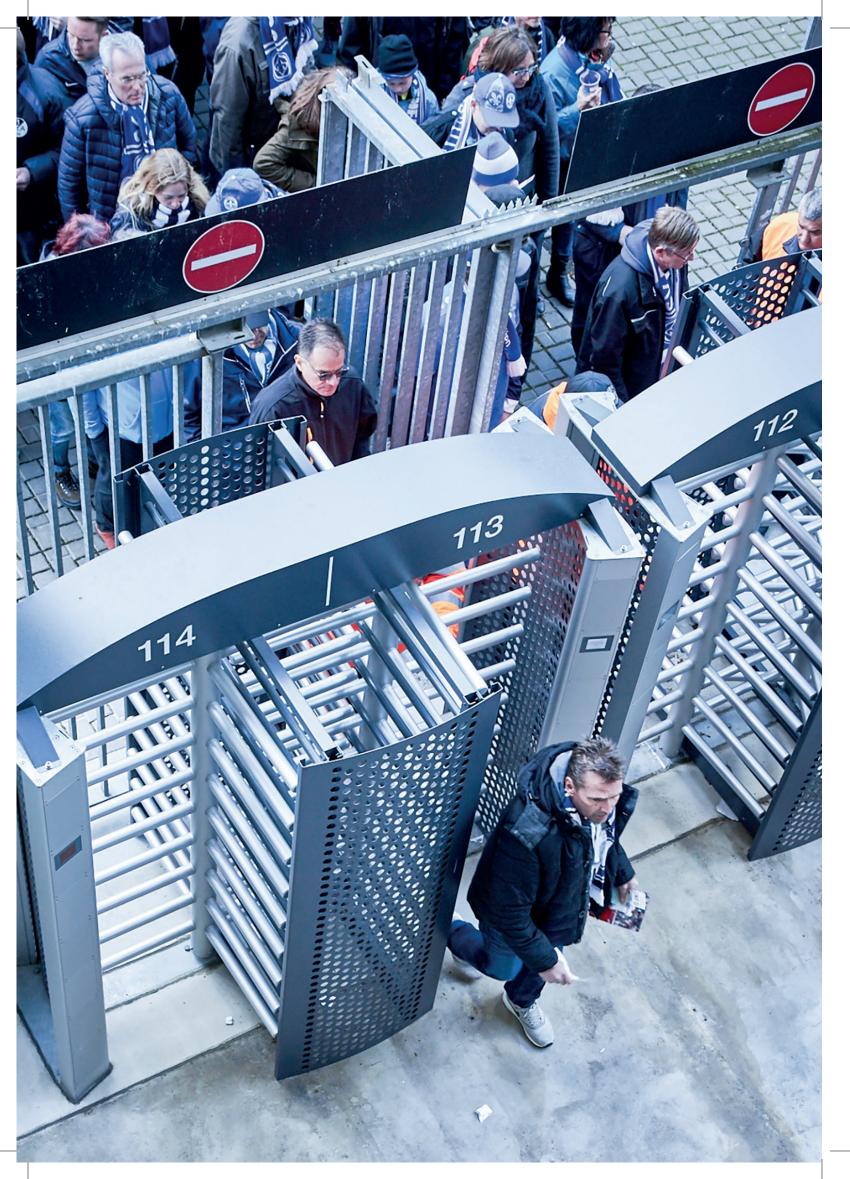
## Perfect for theme parks, museums & attractions

The Axess **SMART TERMINAL 600** is an enhanced access solution for theme parks, swimming pools, museums, tourism attractions and excursion trains. The Flap Glass design units offer an elegant gate option for indoor and selected outdoor spaces. The gate can be equipped with turnstiles or flaps too and allows entry or exit at one single gate. The newly developed

sensors recognize the direction from which a person approaches and permit entry or exit as required. The opening speed can be adjusted. The **SMART TERMINAL 600** works in both online and offline mode. The ADA version allows barrier-free access. All versions enable visitors to pass through the gate without contact.

- Enter and exit in both directions at one single gate
- New sensor recognizes the direction of entry or exit as required
- Can be used in online and offline mode
- > Optional: ADA version for barrier-free access





# **AX500 Smart Security Gate**

# The access control system that is also a security expert

#### The AX500 Smart Security Gate

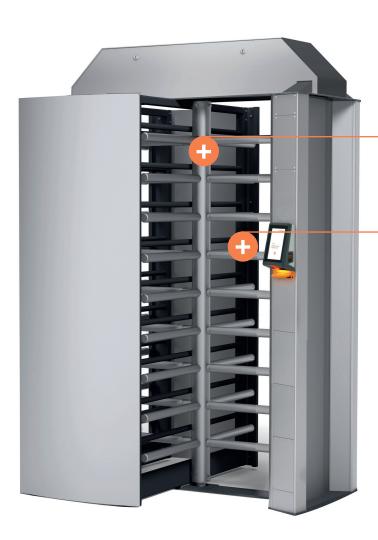
is designed for sensitive areas with increased security needs and unattended access. No matter whether in particular guest sectors of soccer stadiums or in leisure facilities - its robust, vandalism-proof construction meets the highest security standards and at the same time is optimized for a high through rate.

Optical and acoustic signals enhance guest security still further.

The AX500 Smart Security Gate is also well equipped for deployment outdoors thanks to its weatherproof aluminum construction. The Smart Security Gate is available as single or double access and allows entry and exit in both directions.

#### In short

- Especially robust and vandalism-proof construction made of weatherproof aluminum
- Optimized to achieve a high through rate
- Every entryway usable as an entrance or exit



#### Optional

Manual locking and unlocking

#### Turret

Revolving door driven by a servo motor



Model

Single or double access

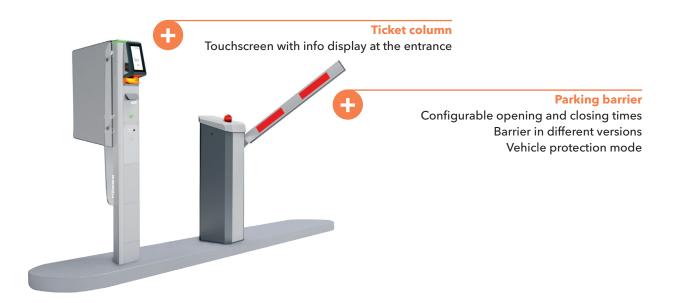
# **Axess PARKING**

# Integration of parking space management

Entry procedures for parking lots or garages should be rapid. The parking management solution issues tickets at an impressive rate and boasts an opening process that takes only 1.3 seconds. The solid and weatherproof gate is suitable for both indoor and outdoor applications. 2,500 barcode tickets are printed using a single roll. This allows maintenance intervals to be kept low. Regular and long-term

parkers can drive in even more easily using RFID cards or license plate recognition. In these two versions, an account is created for the vehicle or user, on which the entries and exits are registered. The previously registered license plate is recognized by a camera and the barrier is opened as a result. Parking management is integrated into the access solution and can be operated centrally.

- Reading and checking of RFID smartcards for regular parkers
- Barrier with protection feature for cars
- > Online and offline mode
- > Call button and intercom
- > License plate recognition
- > Optional: credit card function

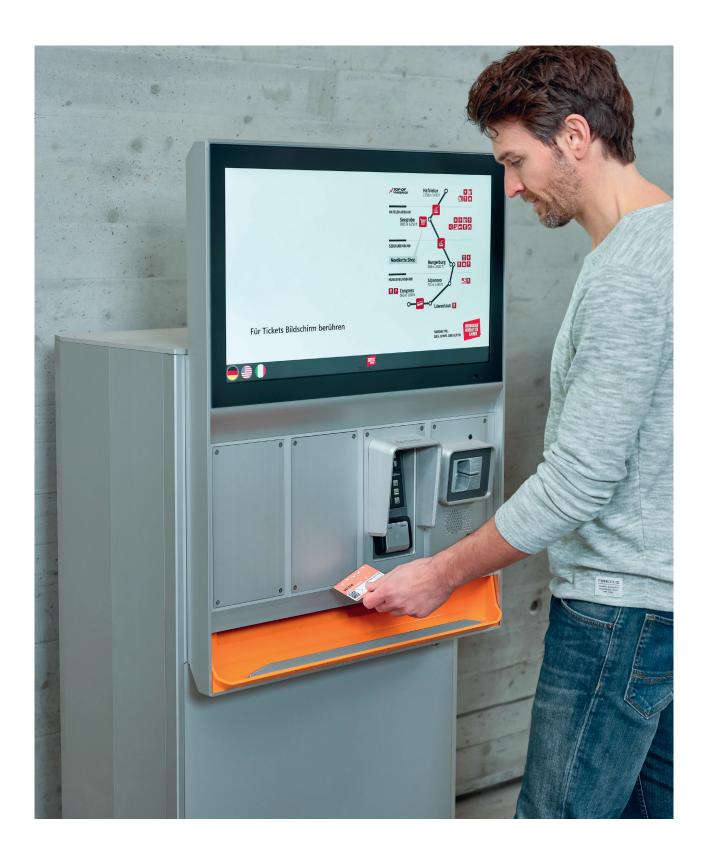




With Axess' ultramodern payment machines, long waiting times at parking lot or garage exits is a thing of the past. The amount owing is paid directly at the Axess **TICKET KIOSK 600** using a card or cash before

exiting. With the extended version, it is also possible to pay with a credit card directly at the exit column, meaning you can leave the parking lot even faster and more easily. For regular parking guests or long-term

parkers, there's also the option of license plate recognition. The parking fee is then debited directly from the credit card or assigned to the long-term parking account.



# Controller & scanner modules by Axess

Axess always has its finger on the pulse when developing new modules. Characterized by a groundbreaking modern design, our scanners and controllers offer every technical refinement. They can read all cur-

rent ticket types and recognize a guest's entry direction. Large displays allow direct communication to take place. Operators have the option of controlling the displays themselves in real time and, if desired,

to integrate advertising partners. The new controller stores up to nine million transactions. Controller and scanner modules may be operated both online and offline.

# **Axess SMART DOOR 600**

# Easy entry to a suite or VIP area

Special guests need special treatment. Axess **SMART DOOR 600** comes in a modern design with a large screen for displaying greetings or sponsor messages. Tickets with a QR code are held up to the

scanner and checked in the database. If the response is positive, entry is granted. RFID or NFC tickets can also be read from a greater distance. External door locks are opened via I/O contacts.

- Suitable for suite doors or VIP areas
- Fitted with the Axess SMART SCANNER 600
- > Power over Ethernet
- > Directly fixed to the wall





# Controller & scanner

# **Axess SMART SCANNER 600 NFC**

## The smartphone becomes a ticket

The Axess SMART SCANNER 600 NFC is the latest module at access points and allows smartphones to become tickets. In addition to all its existing features, this proven scanner has been upgraded with an NFC antenna. In addition to classic data carriers such as chip cards, transponder wristbands, QR codes on print@home tickets or e-tickets, NFC-enabled devices can now also be used. Your own smartphone becomes an admission ticket. From now on, tickets can be bought in the webstore and then added to the NFC wallet. With Google Pay

or Apple Pay, the guest simply and conveniently opens their ticket in the App. When held briefly over the NFC antenna, the person in question is then granted access. The integrated Axess **CONTROLLER** 600 checks the ticket and at the same time is the central admission control. If required, this module can also be equipped with innovative IN/OUT sensors to identify people approaching. The check-IN / check-OUT procedure is thus accelerated by the access point switching from the entry to exit direction within seconds.

#### In short

- Google Pay / Apple Pay integration
- The mobile phone functions as a ticket
- 2D barcode scanner; optional smartcard function for ISO 14443 or 15693
- Audio interface; loudspeaker and mic
- > Optical signal
- Axess CONTROLLER 600 integrated
- Optional: IN/OUT sensors to detect the direction of passage



access authorization

#### **Optional with housing**

To make it easier to retrofit the scanner for existing systems or integrate it into third-party systems. A wall-mounted housing is also possible.

#### Large 7" touch display

Enables direct communication of instructions, hazard alerts, personal greetings or advertising messages at the gate

#### **Swivel tray**

Guaranteed easier and more flexible information intake



# **Axess CONTROLLER 600**

# The central control module

The Axess CONTROLLER 600 is the central control unit for the access system. Its primary tasks are the checking of tickets for validity, the opening of the access point, the storage of data and the communication with the Axess DATACEN-TER. The generously dimensioned, brightly-lit display with touch function provides notifications to the guest as well as offering space for advertisements or videos. The touchscreen interface also supports the programming of virtual buttons, which can be used for purposes such as confirming a text message or requesting a ticket. Functions

and settings can be implemented on-site via a service menu. This enables, for instance, access configuration data to be entered. The Axess CONTROLLER 600 SR model (with smart card function) is also offered with the option of an attachment for the contactless reading of chip cards. The Axess CLICS software provides you with access to the settings for all components of the system, regardless of your actual location. Using the touch function, guests can also communicate directly via the display with a cashier, or via the integrated loudspeaker.

#### In short

- Ticket checking online and offline
- Stores up to 9 million transactions
   ticket data, reader transactions,
   cash register data etc.
- Web interface for easy configuration
- Modular design for rapid installation
- > Robust and weatherproof



#### Large 7" touch display

Enables direct communication of information, hazard alarms, individual greetings or advertising messages at the gate

#### **Optional**

Also available with a short-range antenna





# **Axess TICKET SCANNER 600**

# **Ticket scanning made simple**

The Axess **TICKET SCANNER 600** promises reliable and fast scanning of 1D barcodes, 2D QR codes, traditional barcode tickets in ISO format and print@home tickets. As well, modern e-tickets from mobile devices and smart watches can be read by the **TICKET SCANNER 600**. Simply holding below the scanner or placing on the swivel tray in the

generously dimensioned scan area suffices. The **TICKET SCANNER 600** dispenses with glass components and is thus particularly robust. It can be supplied with an additional smartcard function on request. This allows data reading from ISO format chip cards, key rings and transponder wrist bands.

#### In short

- 1D, 2D barcodes, print@home tickets and e-tickets on smartphonesall readable
- RFID chip cards in ISO 14443 or 15693 format readable up to a distance of 5 cm
- Space-saving design for rapid installation



**Ergonomically optimized**Enables the comfortable

scanning of codes on smartphones

#### **Scanner**

RFID chip cards in ISO 14443 or 15693 format readable up to a distance of 5 cm. Reads barcodes and QR codes from mobile devices





# **SMART** HARDWARE SYSTEMS

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