

# ADATIS



Audio/Video intercom for  
visitor communication

Face recognition system for  
highly secure biometric identification

Ethernet (TCP/IP) connectivity with  
Power-over-Ethernet

Intuitive touch screen user interface

Integrated RFID reader

## FACEENTRY® TOUCHENTRY®

- Attractive all-in-one solution for access control and visitor communication
- stand-alone solution without PC and without separate controller

# FACEENTRY®

# TOUCHENTRY®

→ Access Control → Identification → Verification → Door Intercom → RFID

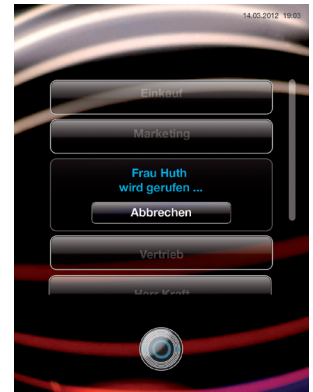
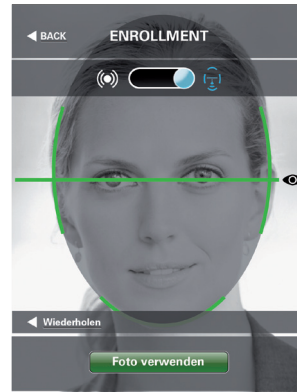
## 3D FACE RECOGNITION

Biometric features such as the face are unique and identify a person without any doubt. Face detection also provides a high level of acceptance because it's safe, quick and easy to use. It requires no contact and is therefore harmless and hygienic. The technology which is used by Adatis is based on latest research results, working with a three-dimensional acquisition of the face in the invisible infrared range. When a face in front of the camera is detected, it is measured three dimensional and the extracted features are compared against features stored in a database of the unit. All this takes less than one second. As only abstract features are stored a reconstruction of a face from the features is not possible. The device automatically detects whether a person is standing in front of the door and opens the door if the person is known - it can't get more comfortable than this.

(\*only FaceEntry)

## BIOMETRY, RFID, PIN-CODE

FaceEntry® allows the combination of biometry using 3D face detection, RFID and PIN code. So you can enhance the security according to your requirements or migrate from traditional access cards to a state-of-the-art biometric system.



## THE ENTRANCE IS A FLAGSHIP

The high-contrast color LCD screen offers many options. Not only your company logo will brilliantly stand out, the free programmability of graphics leaves room for additional information about your company and your presentation to the outside - away from the usual monotony towards an unmistakable flagship of your company.

## INTUITIVE TOUCH INTERFACE

Ever since the proliferation of smartphones, everyone knows the benefits of touch technology. By pointing a finger you ring the door bell or choose a contact from the phone list - nice to have this now also available for your entrance.

## DOOR COMMUNICATION

Visitors either choose their desired point of contact directly using the built-in phone book - or ring the door bell for the receptionist. As the unit is networked, distance does not matter any more and the receiving station can be anywhere in the world. The high quality echo cancellation allows for natural voice communication, without losing a word. At the same time you will see the person and the situation in front of the door, live and in color, anytime, even if no one is ringing.





### **DOOR ANSWERING MACHINE\***

Now you do not miss visitors any more: You can leave messages for each individual contact person in the company. Not only do you get the message when you return to the company. Thanks to the video recording you also see, who was there to visit you.

(\*in conjunction with SIP-servers such as Asterisk or similar)

### **ELECTRONIC STICKY NOTES**

Inform visitors, suppliers or couriers of your opening hours, or what to do in the time of your absence. No more handwritten stick-on labels on the door, here comes the electronic state-of-the-art solution: The display shows a sticky note with a message of your choice.



## SPECIFICATIONS

### BIOMETRY

- Face recognition in 3D
- Detection time: less than 1 second
- Enrollment time: less than 5 seconds
- Template size about 5 kB
- FAR (False Acceptance Rate): 0,000.1 %
- FRR (False Rejection Rate): 0.01 %
- Light Source: NIR-LED, 850 nm

### RFID

- NFC-technology
- Mifare, Mifare DESFire

### VIDEO

- 2 megapixel CMOS color sensor
- Wide-angle lens with 100 degree field-of-view
- Electronic zoom & pan
- video compression H.264, MJPEG, JPEG
- Video resolution VGA and CIF
- max. 25 frames per second (CIF)
- Anti-Flicker setting

### AUDIO

- Built-in microphone and speaker
- Full-duplex high-performance echo cancellation
- G.711 (A /  $\mu$ -law) audio encoding

### OPERATION/CONFIGURATION

- Capacitive touch screen with 5.7" Color-LCD (640 x 480)
- Ambient-light controlled brightness
- Configuration via LCD menus and Web browser
- Integrated database

### PROTOCOLS

- SIP RFC 3261, compatible with all SIP (picture) telephones and softphones
- TCP / UDP / IP, RTP, HTTP, DNS, NTP, DHCP (client)

### INTERFACES

- Ethernet 10/100BaseT with RJ45 connector
- RS232/485 serial interface (Wiegand)
- 2 x Trigger Input - e.g. door bell, feedback contact
- 1 x Relay NO/NC - e.g. door opener

### COMPLIANCE

- CE compliant
- EN55022, EN61000-3-2, EN61000-3-3, EN55024

### ENVIRONMENTAL CONDITIONS

- Temperature range +5 °C to + 40 °C
- Humidity 10% to 80% non cond.
- Ambient brightness 0 to 10,000 lux

### POWER SUPPLY

- Power-over-Ethernet (PoE), 802.3af and 802.3at
- Alternative power supply 24V 0,5A

### HOUSING

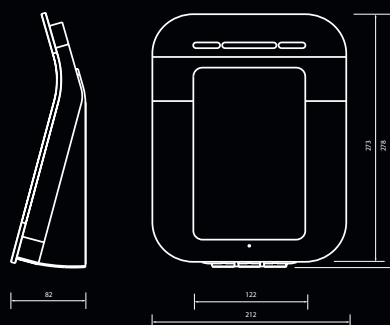
- Stainless steel housing for wall or pedestal mounting
- Anti-tamper contact
- Accelerometer against vandalism
- Tilt-adjustable
- Weight 2.8 kg

### CONTENT OF DELIVERY

- FaceEntry®/ TouchEntry® unit
- RFID cards
- Transponder
- Network cable
- User Manual
- Mounting-Kit

### DIMENSIONS

Width 212 x Height 278 x Depth 82 mm



## ORDERING INFORMATION

FUNCTIONS	3D Face Recognition	RFID	Audio/Video Intercom	Order Code
FaceEntry	yes	yes	yes	3100
TouchEntry	no	yes	yes	1100