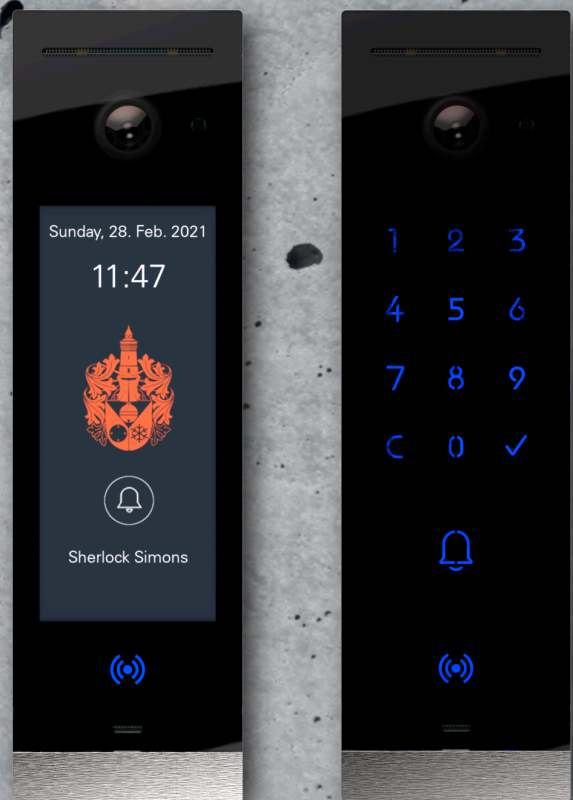# ADATIS

Door Intercom and Access Control

AV Communication, Facial Recognition, RFID, BLE and PIN Code

- ¬ Stand-alone solution, optional server-based operation

- ¬ Worldwide connectivity via Adatis DoorKeeper Apps for IOS and Android and Adatis Cloud Server

- ¬ Biometric facial recognition with neural network technology and face liveness detection

- ¬ Capacitive keypad for PIN-code and call button (keypad version)

- ¬ LCD touchscreen for call buttons, street address or logo display and PIN-code entry (display version)

- ¬ Audio/video intercom (VoIP)

- ¬ Fisheye lens, Full HD (1080p) video, 130° panorama, ePTZ

- ¬ MIFARE (LEGIC and iClass optional) card reader for access control

- ¬ Bluetooth Low Energy (BLE)

- ¬ Integrated personal database with up to 1,000 users

- ¬ Connection via Ethernet, 2Wire or WLAN

- ¬ Surface mounting

- ¬ Flat glass front, black or white

- ¬ Ultra compact solution

FaceUP®

¬ AV Communication, Facial Recognition, RFID, BLE and PIN Code

SPECIFICATIONS

BIOMETRY

- ¬ Deep Neural Network (DNN) based facial recognition
- ¬ Accuracy of 99.38% on the standard LFW benchmark
- ¬ Template size 1kByte
- ¬ Recognition time < 1 sec.
- ¬ Enrollment time < 5 sec.
- ¬ facial liveness detection against photo fraud
- ¬ NIR imaging
- ¬ Optional server based operation (GDPR-conform)

OPERATION / CONFIGURATION

- ¬ AV communication with VoIP standard SIP
- ¬ Integrated user database with up to 1,000 entries
- ¬ Screensaver: customized background, displays street address or date and time (display version)
- ¬ VoIP dialing via capacitive call button or via numeric keypad
- ¬ Capacitive keypad for PIN code entry or dialer
- ¬ RGB-LED backlit keypad with optical feedback (keypad version)
- ¬ Event-driven functions by integrated EventHandler
- ¬ Connection to home automation systems through event-driven TCP or HTTP output
- ¬ Time and attendance function
- ¬ Configuration via LCD menu and web browser

VIDEO

- ¬ CMOS color sensor with fisheye lens
- ¬ NIR lighting for night operation
- ¬ 180° fisheye lens (HFOF behind the front glass app. 130°)
- ¬ Electronic Pan/Tilt/Zoom
- ¬ Hardware based fisheye dewarping for panoramic view
- ¬ Full HD with 1080p, 720p, VGA
- ¬ Video compression H.264, MJPEG, JPG

AUDIO

- ¬ Built-in microphone and speaker
- ¬ Full-duplex high-performance echo cancellation
- ¬ Integrated class-AB amplifier
- ¬ G.711, G.722 audio codecs

RFID/BLE

- ¬ Antenna with RGB-LED backlit icon for status information
- ¬ Mifare Classic, Mifare Desfire (included)
- ¬ BLE 4.1
- ¬ Legic (ordering option)
- ¬ iCLASS (ordering option)

CONNECTIONS/INTERFACES

- ¬ Ethernet, 10/100BaseTX
- ¬ 2Wire connection (ordering option)
- ¬ WLAN (Wifi)
- ¬ 1x relay, style C

PROTOCOLS

- ¬ SIP RFC 3261, compatible with all SIP-(video-)phones, SIP-servers, and softphones
- ¬ TCP/UDP/IP, RTP, HTTP, DNS, NTP, DHCP (client), Wiegand, XML-RPC based API

COMPLIANCE

- ¬ CE compliant
- ¬ EN61000-4-2/3/4/5/6/8/11, EN61000-6-2/3, EN55024, EN55032

ENVIRONMENTAL CONDITIONS

- ¬ Temperature range -20°C to +60°C
- ¬ Humidity 10% to 80%, not cond.

POWER SUPPLY

- ¬ Power-over-Ethernet (PoE) 802.3af (ordering option)
- ¬ Powered via 2Wire line (ordering option)
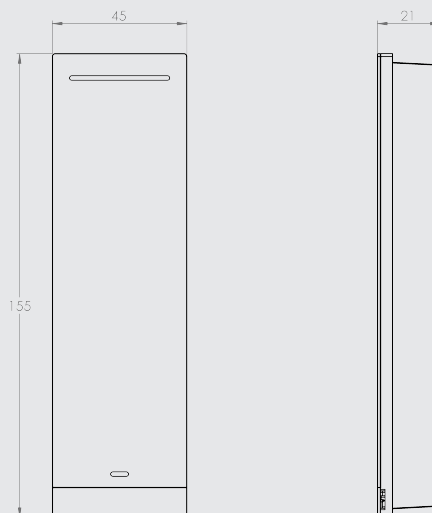- ¬ Plug power supply: 12VDC 1A

HOUSING

- ¬ Polycarbonate housing with 1.0mm tempered safety glass
- ¬ Stainless steel wall holder with terminal block
- ¬ Tamper switch

CONTENTS OF DELIVERY

- ¬ FaceUP® unit including wall holder
- ¬ 3x RFID cards
- ¬ Mounting material
- ¬ Mounting instructions

DIMENSIONS

- ¬ Surface mounting: W 45mm, H 155mm, D 21mm

ORDERING INFORMATION

PRODUCT TYPE	KEYPAD	LCD
FaceUP	UP1201	UP1200
FaceUP + POE	UP1001	UP1000
FaceUP + 2Wire	UP1101	UP1100
FaceUP + LEGIC	UP3201	UP3200
FaceUP + LEGIC + POE	UP3001	UP3000
FaceUP + LEGIC + 2Wire	UP3101	UP3100
FaceUP + iClass	UP2201	UP2200
FaceUP + iClass + POE	UP2001	UP2000
FaceUP + iClass + 2Wire	UP2101	UP2100

ADATIS

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