



# IP INTERCOM SOLUTIONS

MODERN | PROGRESSIVE | RELIABLE



# FEATURES OF THE BAS-IP SYSTEM

## ABOUT US

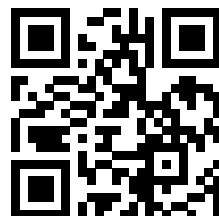
BAS-IP is the international technology company focused in the development and manufacture of IP intercom products, access control and communications.

Product portfolio of BAS-IP includes Video & Audio door entry intercoms, mobile APPs for intercom, Mobile access credentials, IP public address systems.

Since 2008, the company has been keeping attention to design of products, simplicity and usability, as well as ensuring that all devices function effectively.

Personalised approach to every project helps to find best solution for every partner.

## OUR WEBSITE



**DESIGNED IN THE UK**  
**ASSEMBLED IN EU**



## 1 THE BAS-IP SYSTEM WORKS OVER A LOCAL NETWORK

The BAS-IP system uses standard PoE or 12V power supply simultaneously.

## 3 APPS FOR MOBILE DEVICES

Applications allow you to: accept a call, see a guest, open the door remotely, or simply open the door without contact.

## 5 TARGETED ADVERTISEMENTS

Unit panels can present informational or promotional messages on their screens in standby mode or when motion is detected in front of the panel.

## 7 INTEGRATION WITH IP CCTV

Video from outdoor panels can be transmitted to NVR for continuous recording and monitoring. IP cameras can be viewed on BAS-IP monitors.

## 9 CUSTOMIZATION OF GUI DEVICES

The panels have screens with an intuitive graphical interface and a user-friendly guestbook to display company logos or photographs of apartment owners.

## 11 INTEGRATION INTO «SMART HOME»

The SIP protocol also allows you to connect the intercom to the "Smart Home" and receive calls to any SIP client device. An indispensable function when you need to combine many manufacturers and manage devices from one platform.

## 13 SIP TELEPHONY

Calls from the outdoor panel can be routed not only to the BAS-IP monitors, but also to any SIP device.

## 2 FLEXIBLE SCALABILITY OF THE SYSTEM

All manufactured equipment is compatible and easily interchangeable if necessary to expand projects.

## 4 DEVELOPMENT OF INDIVIDUAL INTERFACES

Besides standardized solutions suitable for most tasks, BAS-IP can offer the development of unique individual interfaces for projects.

## 6 CONTACTLESS ACCESS SOLUTIONS

BAS-IP presents new contactless solutions that we need so much in these times. The advantage of these solutions is that they can be used to close almost any object.

## 8 THE ABILITY TO INSTALL THIRD-PARTY APPS

It gives you almost limitless possibilities for controlling your home automation from one device.

## 10 CONNECTING MOTION SENSORS

The ability to connect motion sensors to monitors on Android OS to record video from connected video cameras.

## 12 COMMUNICATION WITH THE CONCIERGE, SECURITY OR MANAGEMENT COMPANY

By pressing one button on the device in the apartment, residents of the complex can contact the concierge or security of the complex.

## 14 OPEN API

The BAS-IP R&D team has implemented a JSON API to support large projects, where an intercom system is a part of a large software complex.





# ENTRANCE PANELS MAIN FEATURES



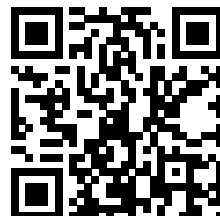
## BAS-IP ENTRANCE PANELS

In front of almost every house or building, you can always see a doorbell or door entry panel. For the most part, they are old and extremely primitive.

But progress continues, and every day more and more people prefer modern, functional IP door stations. The IP entry panel transmits data through a local network, which greatly improves signal quality and makes it possible to build the intercom network over unlimited distances.

BAS-IP offers a wide range of outdoor entrance panels. Outdoor panels can be installed on a residential apartment building or a private house, on commercial real estate, and even hospitals. As an option, door entry panels can be equipped with our branded access control readers.

## MORE ABOUT ENTRANCE PANELS







## 1 **DEVICE CUSTOMISATION**

An extraordinary solution that will emphasize the uniqueness of any project. The uniqueness of the equipment is a trend in various design solutions.

## 3 **INDUCTION LOOP CONNECTION**

The installation of an induction loop ensures high-quality transmission of the audio signal from the entrance panel to cochlear implants and hearing aids of hearing impaired people.

## 5 **MOBILE IDENTIFICATION UKEY (EM-MARIN/ MIFARE®/NFC/BLUETOOTH)**

Now if you need to get into your house or office space, you will inevitably face a situation where you need to constantly carry different keychains and access cards. They are also quite easy to lose, and it is not always convenient to use them.

Now to open the doors, all you need is your smartphone with the application installed.

## 7 **MULTI-FACTOR AUTHENTICATION**

You can configure the need to use from 2 to 6 identifiers of different types: guest access by QR code / face recognition / pin / keyfob or access card / mobile identifier UKEY / license plates.

## 9 **CONTACTLESS TEMPERATURE MEASUREMENT MODULE**

The sensor is designed for contactless temperature measurement on the wrist. Fast caller high temperature detection in real time.

Functionality: remote temperature measurement / displaying the temperature of the visitor on the screen of the entrance panel / display of temperature of visitors on the screen of the indoor video entry phone / metal protective case / power supply from the entrance panel / economical energy consumption / for indoor installation.

## 2 **VANDALPROOF DESIGN**

Includes: heavy-duty 3 mm stainless steel / special secret screws / armored films on the screen / a special mode of operation of the panel, in which it is impossible to close the contacts and open the door from the outside / Braille.

## 4 **PROXIMITY SENSOR**

When a person approaches the entrance panel, the panel screen turns on and the function of face recognition and QR code reading is activated.

## 6 **FACE RECOGNITION TECHNOLOGY**

BAS-IP outdoor panels have a face recognition function. This is a visitor identification technology integrated into BAS-IP outdoor panels and operates in low light conditions. When the tenant is identified, the door station can automatically open the door and call the lift, and voice any important message or useful information about the house.

## 8 **OPEN API**

The BAS-IP R&D team has implemented a JSON API to support large projects, where an intercom system is a part of a large software complex.

## 10 **GUEST CAR PASSES**

The functionality allows integrating BAS-IP entrance panels with cameras\* for license plates recognition and further opening of the barrier for cars whose numbers are stored in the panel's memory.

The main function of the car numbers recognition system is to automate the control of car access to protected areas, eliminating the influence of the human factor, as well as organizing automatic opening of the barrier when cars enter / leave the territory.

# GUEST CAR PASSES AND LIFT CONTROL

## GUEST CAR PASSES

The functionality allows integrating BAS-IP entrance panels with cameras\* for license plates recognition and further opening of the barrier for cars whose numbers are stored in the panel's memory.

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## HOW IT WORK?



Setting the camera to send numbers to the entrance panel

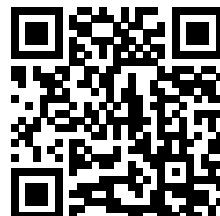


Adding license plates to the entrance panel memory

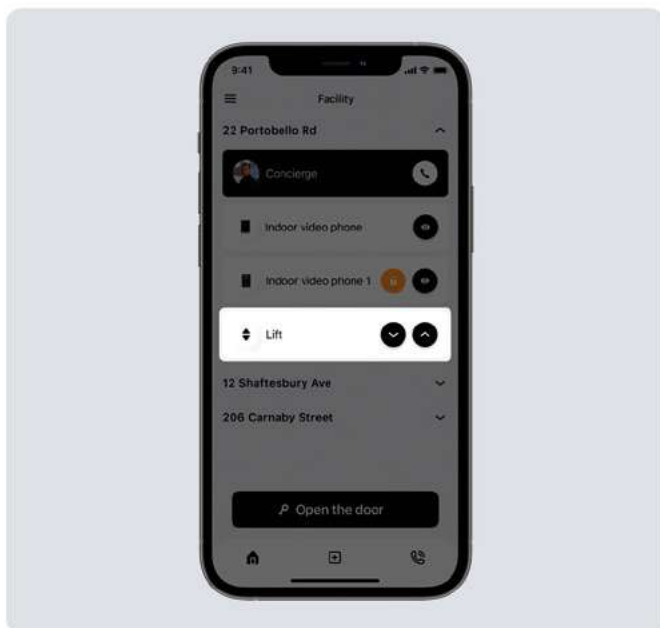


Reading the license plates by the camera and opening the barrier by the panel

## AVAILABLE AND SUPPORTED IN THE FOLLOWING COUNTRIES



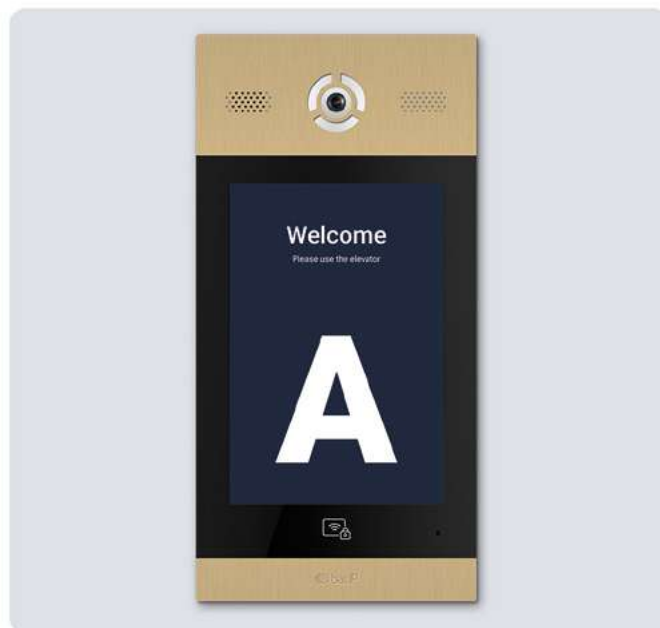
# LIFT WORK



## LIFT CALL

The ability to call the lift from the monitor and mobile app to your floor, as well as from the moment the lock is opened from the monitor to the floor of the panel from which the call was made.

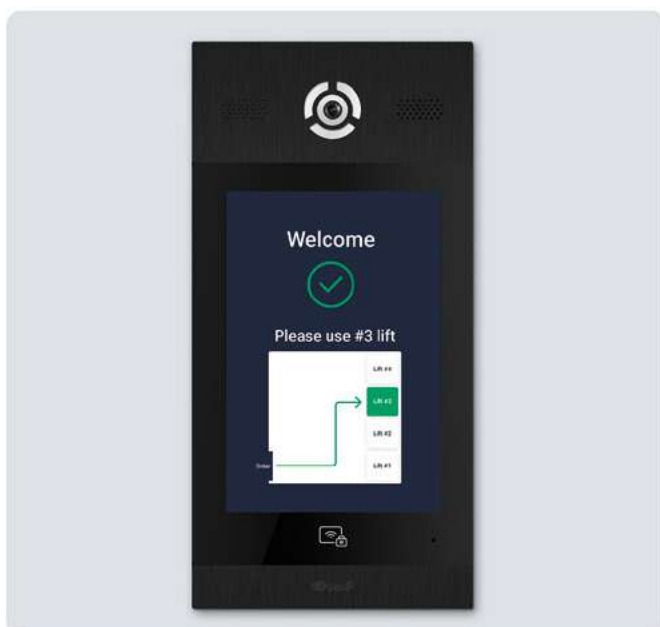
In addition, from the Link admin panel it is possible to call the lift to any floor.



## LIFT NUMBER DISPLAY

Setting the display of the desired lift number on the screen of multi-apartment entrance panels after the concierge or tenant opens the doors.

This allows the visitor to coordinate which elevator to go to. Works exclusively with Kone elevators.



## LIFTS ROUTES

In large residential complexes, where there are many entrance groups and lifts, it is possible to display routes to the required lift on the screen of multi-apartment entrance panels (panels AA-14FB and AA-14FBS).



## RESTRICTION ON THE USE OF THE LIFT

In the Link software, for any type of identifier, it is possible to specify a list of floors that the lift can move to.

Thus, residents, guests or visitors will be able to go up / down only those floors that are provided by the administration of the management company.





# LINK PLATFORM

## **BENEFITS AND FEATURES FOR INSTALLERS / COMPANY MANAGEMENT**

BAS-IP Link is software for BAS-IP equipment and realizing centralized access control in residential complexes and office centres of varying complexity.

BAS-IP Link has a wide range of capabilities, including setting access rights for all residents/employees, providing guest access (access for a specified period of time to certain doors or zones), organizing newsletters, conducting user surveys and much more.

The software has an intuitive web-based interface, which makes it very practical. It's adapted to work with a computer as well as a mobile phone.

## **MORE ABOUT LINK**







## BUILT-IN SIP SERVER

The built-in BAS-IP SIP server is configured for intercom and standard projects; it can be installed both inside the local network and on servers on the Internet.



## DATA SECURITY

For data security, a convenient backup and information restore system is provided. Includes: data protection, HTTPS for mobile app, MQTTS for devices.



## PERSONAL USER ACCOUNTS

Using a personal account, each user can provide visitors with guest access to certain doors/zones, as well as customized BAS-IP devices.



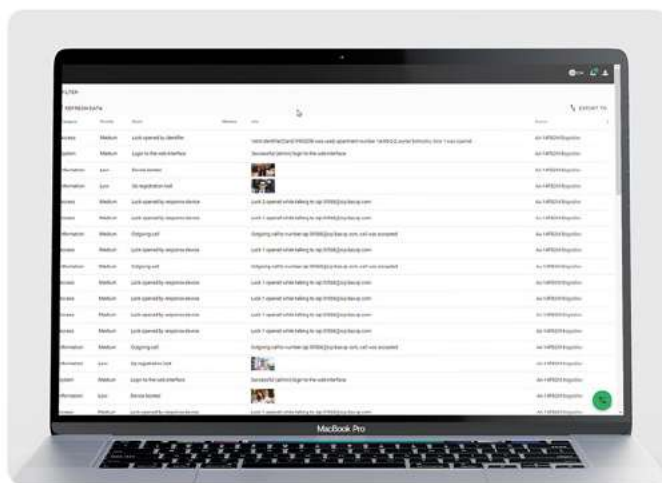
## ACCESS CONTROL

Link offers a centralized access control dashboard allowing you to connect to any BAS-IP hardware in residential complexes.



## DEVICE STATUS MONITORING

The possibility of monitoring the status of the devices in real time.



## SAVING PHOTOS AND LOGS

When making a call, a photo preview is saved on the server. Available only with AA-07FB, AA-12FB, AA-14FB / FBS, BI-series, AV-08FB / FBL.



## BAS-IP LINK APP API & SDK

Integration of the Link app into third-party apps. This helps the integrator or management company combine all the functions for residents in one application.



## MANAGE FROM ANYWHERE IN THE WORLD

Our property management software allows you to connect the device to the server from anywhere in the world without changing the network equipment settings.



## GETTING CALL TO MOBILE

Leveraging Twilio Services through an IP Gateway Integration. This enables the receipt of calls from panels to conventional landlines and cell phone numbers.



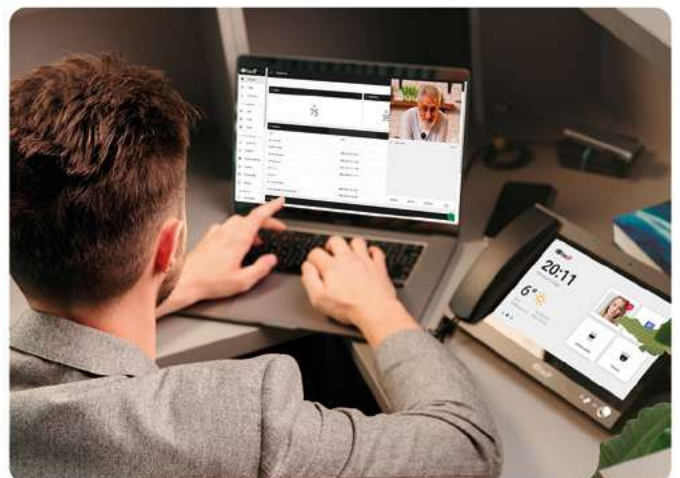
## CENTRALIZED CONFIGURATION

Possibility of centralized remote configuration of devices in the system.



## SYNCHRONIZATION BETWEEN ALL DEVICES

All alarm events are synchronized between all devices. The concierge can leave comments about what they did and how they reacted to the event.



## FULL CONCIERGE WORKPLACE

Web-based Concierge Dialer – Capable of receiving and making calls through the Link web interface, unlocking doors, and calling elevators for guests.





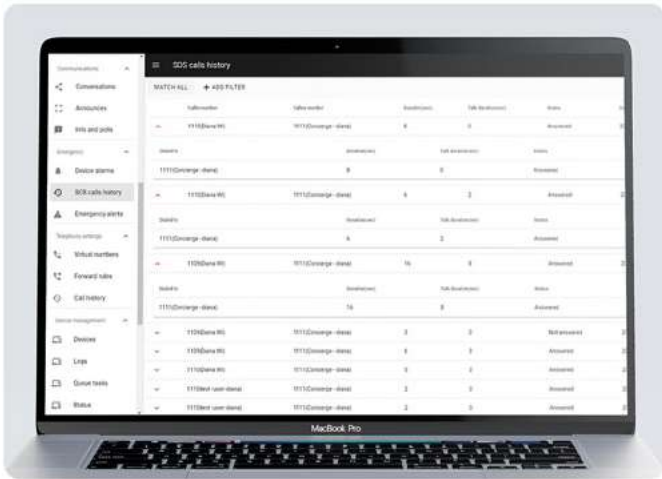
## REMOTE DEVICE UPGRADE

Full remote device configuration and firmware update. Allows the technical support to connect to the device to configure it without Remote Desktop Control Tools.



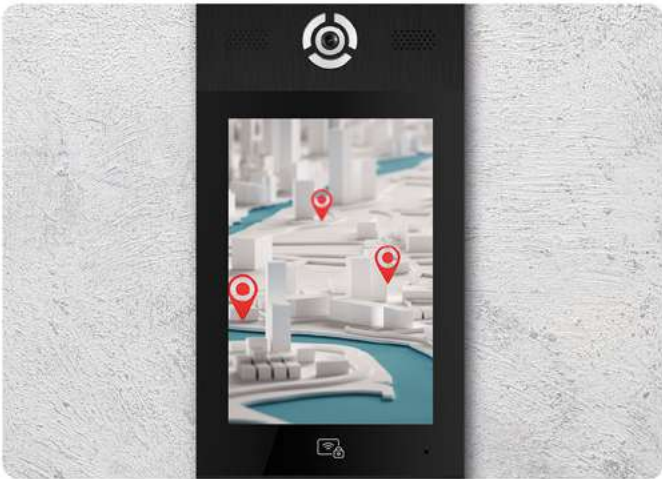
## CENTRALIZED MANAGEMENT

Ability to centrally manage multiple objects from a single Link software license. One administrator can remotely manage and control several objects.



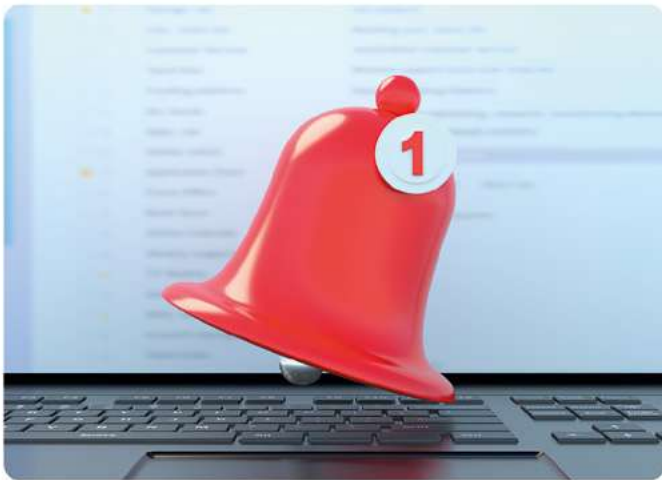
## SOS EVENTS

SOS calls from the monitor to the concierge, automatic notification of the concierge about triggered alarms in text format, and etc.



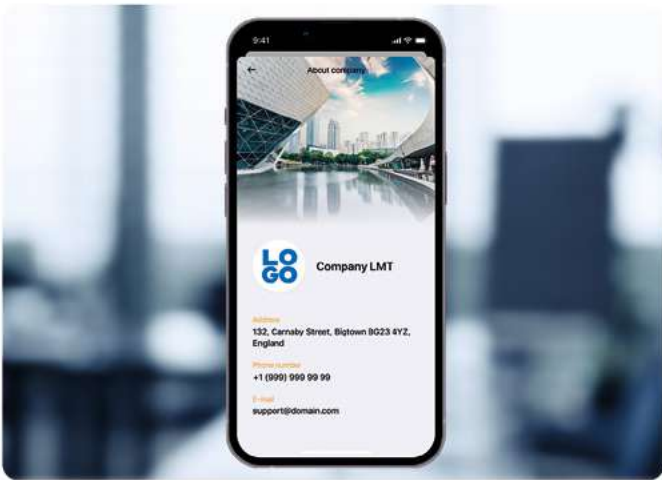
## ROUTES

In large residential complexes, it is possible to display routes to the required building, entrance or lift on the screen of multi-apartment entrance panels.



## GLOBAL ALERT EVENTS

Sending a notification to the app in parallel with the devices (Push notifications in Link).



## WHITE LABEL

As part of White Label concept, we create a customized app based on the BAS-IP Link app that will match your company's brand, color scheme, etc.



# LINK APPLICATION

## BENEFITS AND FEATURES FOR USERS

BAS-IP Link is an app with which you can receive video calls from BAS-IP entrance panels to your mobile device, open the lock via Bluetooth, NFC, call the lift and create guest passes. This is smart access control in the hands of the user.

The main features of the application are: support for push notifications for incoming calls; video support before reply; ability to add multiple properties; ability to issue guest passes: QR codes, access codes and links; ability to call the lift, opening the lock using UKEY technology, access to call archive, invite family members.

For the app to work, the use of the Link server is required.

## MORE ABOUT LINK

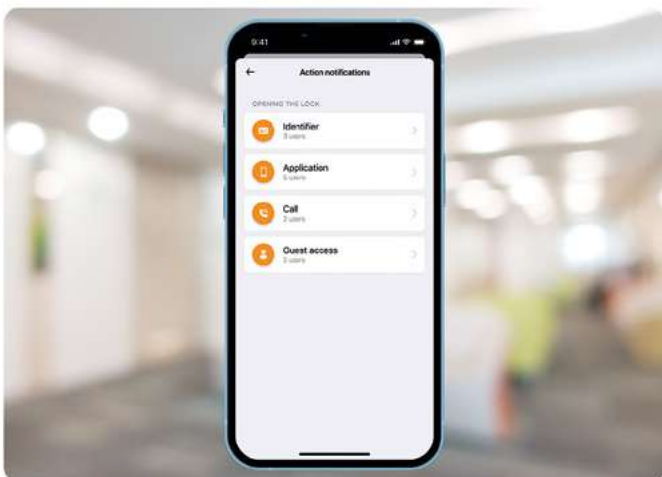






## PARENTAL CONTROL

When a child uses their parent's credentials, the parent receives a push notification, and the system saves the child's photo from the panel's camera and logs.



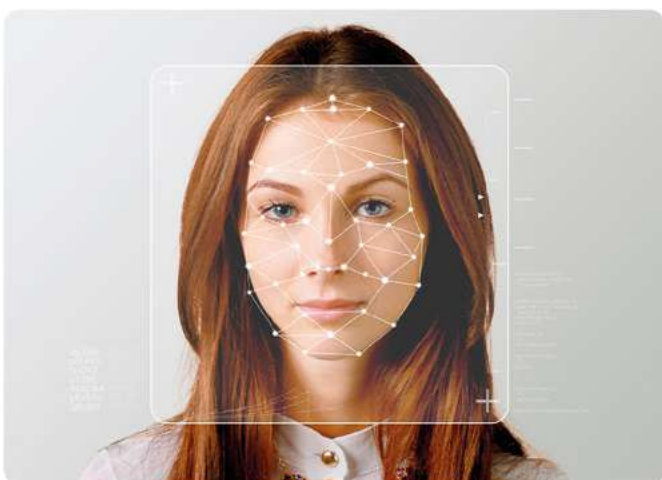
## ACTIONS NOTIFICATION

You will receive push notifications for the actions you have selected.



## OPEN THE LOCK

The possibility to open the lock without using a keychain.



## FACE ID FOR GUEST ACCESS

You can upload guest photos to the Link. The data is stored in encrypted form - everything is safe!



## QR CODE FOR GUEST ACCESS

Add guest QR codes to the Apple Wallet and update QR codes already entered in the Wallet.



## GUEST CAR PASSES

The functionality allows integrating BAS-IP panels with cameras for license plate recognition and opening the barrier for cars whose numbers are stored in the panel's memory.



## PIN CODE FOR GUEST ACCESS

The ability to send a PIN code to a guest with certain access rights.



## RECEIVE CALLS

Receive calls to BAS-IP devices in the Link app or third-party apps.



## LIFT CONTROL

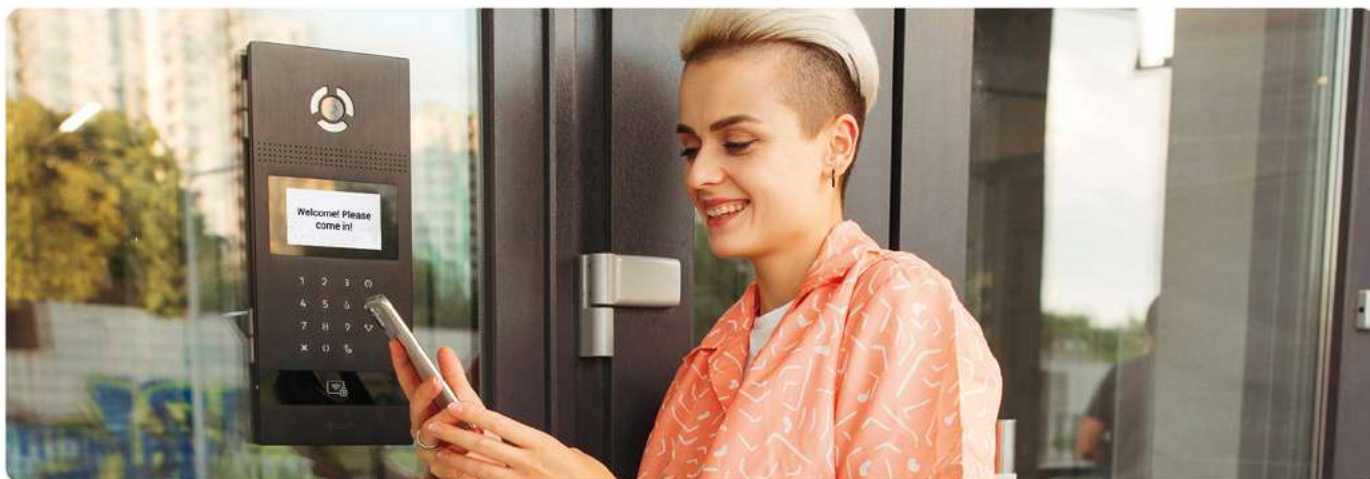
Maximum security for everyone. When the door is opened, the elevator descends for the guest, who can only go to the owner's floor.



## OPEN THE LOCK FROM THE WIDGET

The ability to open the lock without opening the Link app.





## KEYLESS SMARTPHONE ENTRY VIA LINK APP (BLE/NFC)

Use your smartphone instead of key fobs and access cards. Now, when you need to get into your home or office, you inevitably encounter a situation where you must constantly carry a range of key fobs and access cards. Keyless smartphone entry allows you to conveniently enter doors by installing the app on your smartphone or Apple Watch.



## ISSUE GUEST PASSES TO VISITORS

The ability to open doors and call the lift through Siri and Apple Watch.



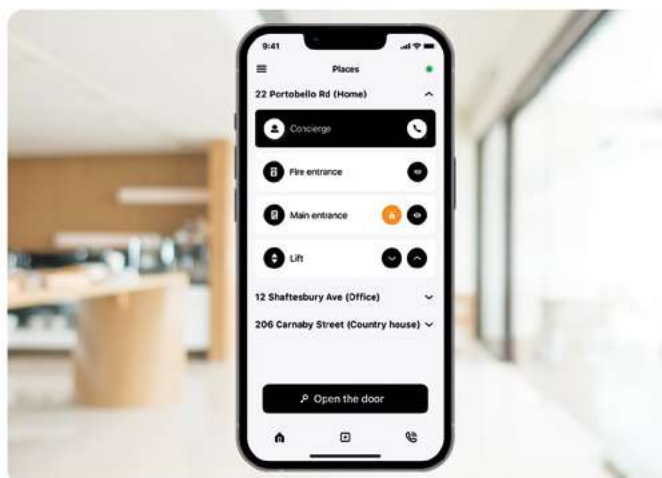
## USE SIRI AND APPLE WATCH

Maximum security for everyone. When the door is opened, the elevator descends for the guest, who can only go to the owner's floor.



## VIEW CALL HISTORY

You can always see the history of incoming and outgoing calls.



## ALL REAL ESTATE IN ONE APP

The user can manage multiple property objects from one application.

# NOVELTIES OF THE BAS-IP SYSTEM

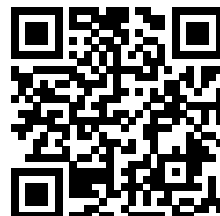
## NOVELTIES AND NEW BAS-IP CAPABILITIES

BAS-IP constantly develops IP intercom systems, introducing innovation into people's lives every year. The company reviews the user's experience and creates products to improve the quality of life.

The company constantly pays attention to product design, technical specifications, simplicity and usability, as well as ensuring that all devices function effectively.

Personalised approach to every project helps to find best solution for each partner.

## MORE ABOUT NOVELTIES





# INTERCOM COLUMN BAS-IP OBELISK

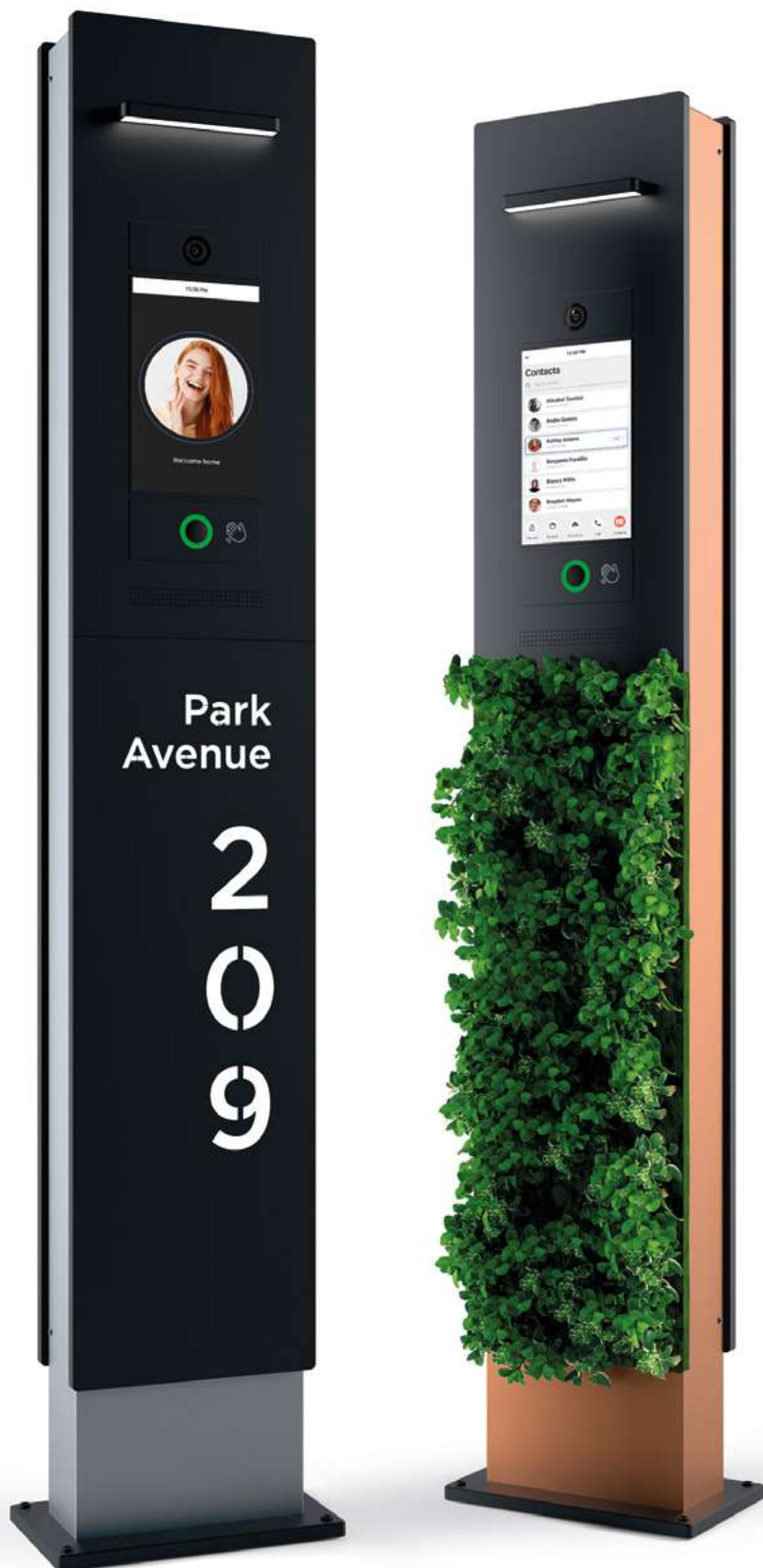
BAS-IP Obelisk is an AI pedestal with an integrated IP outdoor intercom system. It has been developed to provide convenient, stylish, secure, and quick access to the building or territory.

A wide variety of natural materials like still, wood, granite, or grass allows you to confidently install the Obelisk in contemporary residential complexes or office buildings.

There are seven authentication methods: code, access card, face recognition, application, BLE, QR code, or one-time URL. Our goal was to develop the most technologically packed device of its kind with an eco-friendly and versatile appearance well suited to any modern residential architecture. Obelisk looks significantly different than any in-built intercom solution, creates an original monolithic composition like an independent object.

Through the combination of cutting-edge AI intercom technologies and natural materials, it creates a whole new category of devices. It remembers all the residents. With the help of the most advanced deep learning neuro engine, it accurately recognizes the person in fractions of a second. It also has automatic presence detection, an in-built voice assistance system, temperature measurement, and much more.

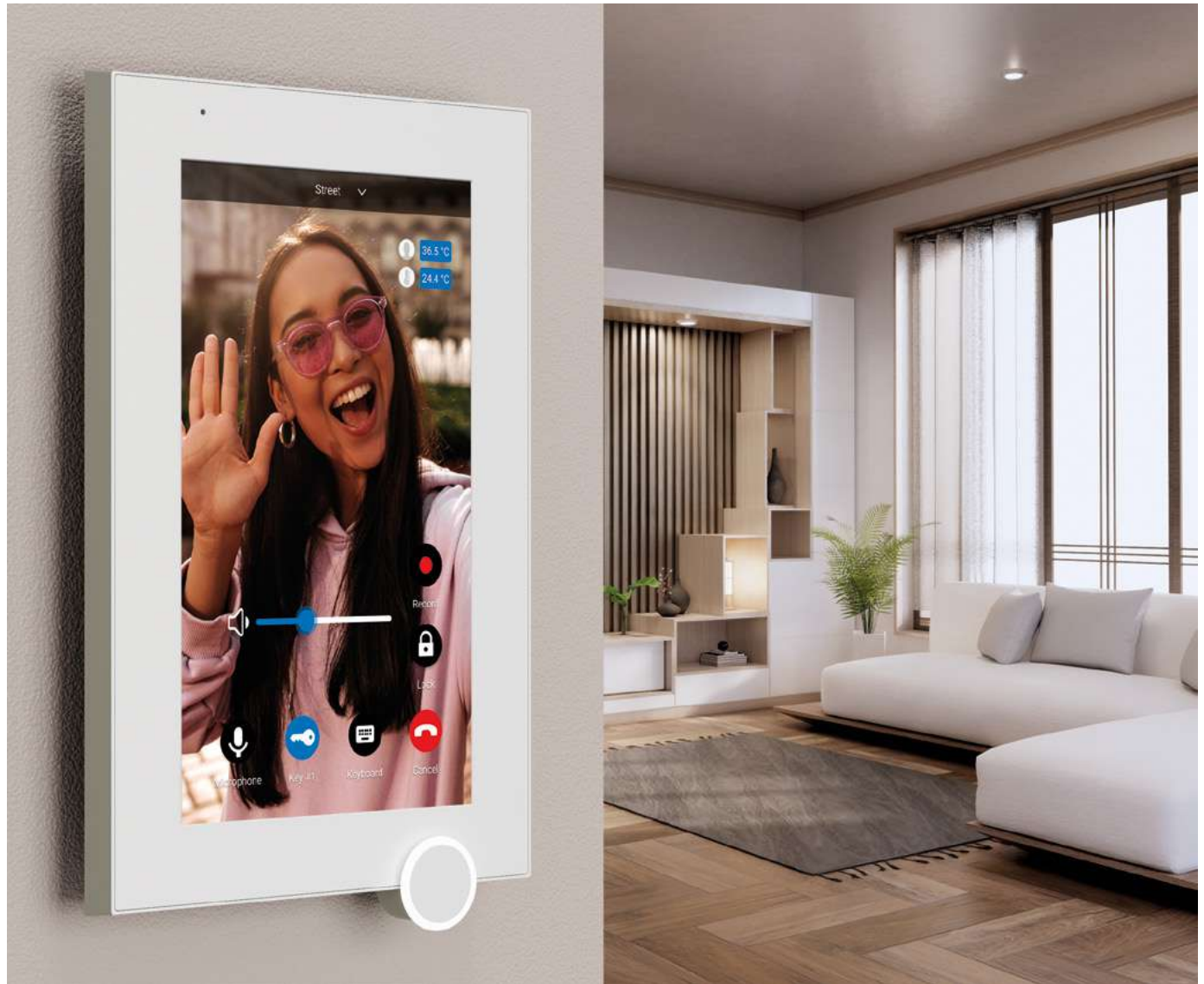
Unlike most embedded video intercom systems, Obelisk is a separate device with an advanced modular design and a combination of numerous groundbreaking functions. The stand-alone form factor allows us to pack it with the most functional, not the compact, components. The system gives the users the ultimate level of safety and comfort.



# IP INDOOR VIDEO ENTRY PHONES AZ-07L / AZ-07LL

It's a synergy of an innovative feature-packed AI intercom system with a smart home integration and a vivid appearance. The variety of colors and features makes it suited to any interior and technical needs, allows to emphasize individuality, or on the contrary, makes it neutral. It supports dual installation: vertical or horizontal.

Let the superior technologies make your home comfortable and cosine with high-level integrability and home automation.



## MAIN FEATURES



**7" TOUCH SCREEN**



**ALARM BUTTON  
WITH SECURITY ALERT**



**CONNECTING 16/32 CAMERAS**



**CALLING THE LIFT TO THE FLOOR**



**POE AND + 12 V DC**



**HORIZONTAL AND VERTICAL  
ARRANGEMENT**



**ALARM CONNECTION**



**QUICK CONTROL BUTTON**



**RECEIVING INFORMATION MESSAGES**



**API**



**LINUX OR ANDROID HARDWARE  
VERSION**



**EXTENSIVE COLOR PALETTE**



**CONCIERGE CALLING**



**LINK APP SUPPORT**



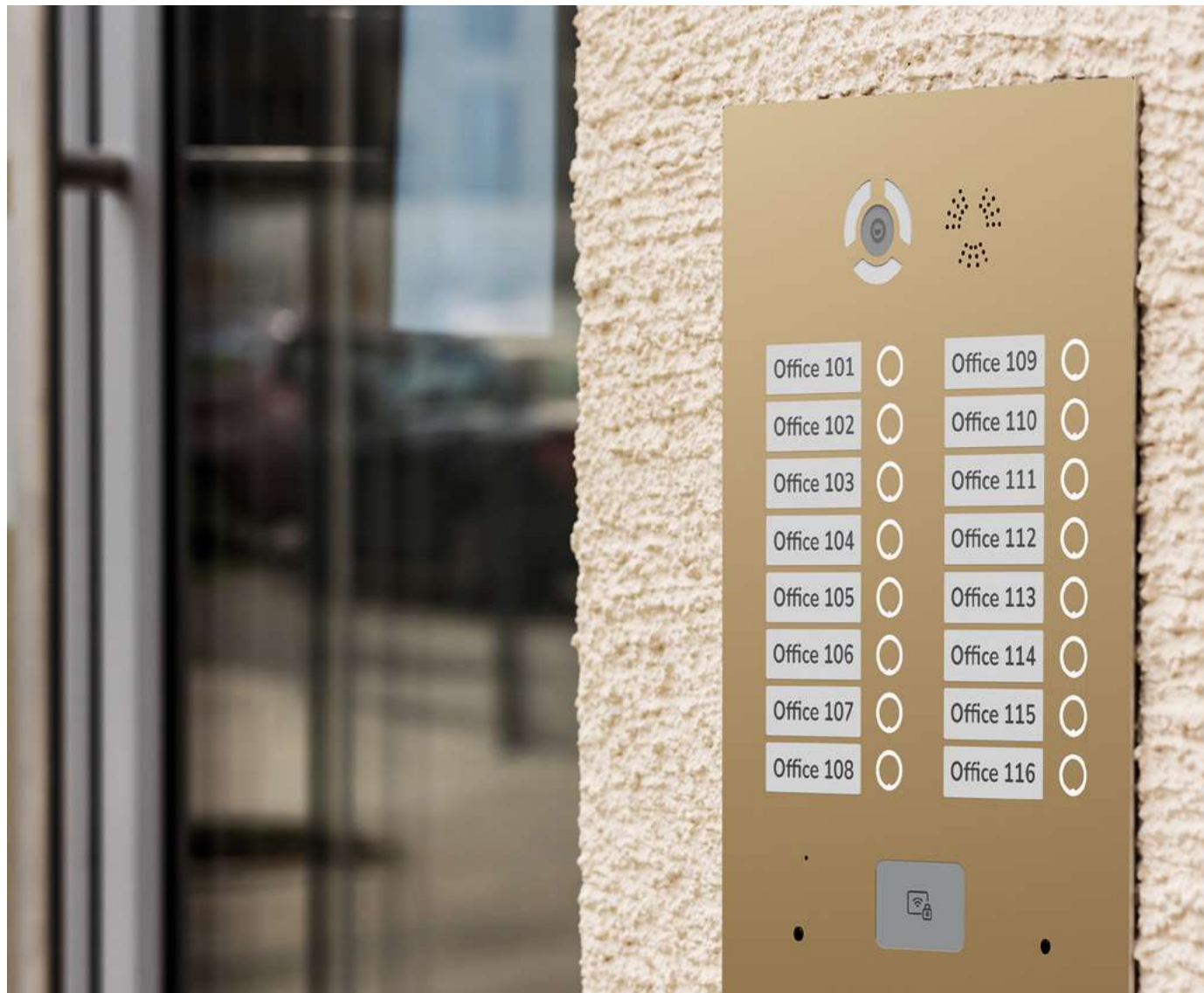
**SIP 2.0**










# THE DISTINCT MULTI-RESIDENTIAL ENTRY PANEL

The BI-Custom entry panel is customizable to accommodate between 2 and 128 apartments, offering a one-of-a-kind opportunity to tailor the panel to your specific needs. Equipped with a UKEY reader and facial recognition capability, the panel utilizes multiple infrared sensors and in-depth analysis for accurate identification.

Upon recognizing tenants and frequent visitors, the entry panel can automatically unlock while delivering vital messages or helpful information about the residential complex. The panel is compatible with the Link platform.



## MAIN FEATURES

- |   |   |  |
|---|---|--|
|  <b>AUTOMATIC FACE RECOGNITION</b>           |  <b>ALUMINIUM CASE</b>                   |  <b>REMOTE ADD FACES</b>        |
|  <b>CAMERA RESOLUTION 2.0 MP</b>             |  <b>CALLING THE LIFT TO THE FLOOR</b>    |  <b>FAULT ALERT</b>             |
|  <b>KEYPAD: BACKLIGHT MECHANICAL BUTTONS</b> |  <b>FLEXIBLE SYSTEM SETUP</b>            |  <b>AUTOMATIC CONFIGURATION</b> |
|  <b>UKEY MOBILE ACCESS</b>                   |  <b>PROTECTION CLASS IP65</b>            |  <b>LOG ALL EVENTS</b>          |
|  <b>LINK APP SUPPORT</b>                     |  <b>WORKING TEMPERATURE -40 — +65 °C</b> |  <b>OPEN API</b>                |

# MULTI-APARTMENT ENTRANCE PANELS



**AA-14FBS BLACK / SILVER / GOLD**



**OBELISK (INTERCOM COLUMN)**



**AA-12FB BLACK / SILVER**



**AA-07FB STAINLESS STEEL / BLACK**



**AA-07FB SILVER**



**AA-07BD SILVER**



**BI-08 BLACK**

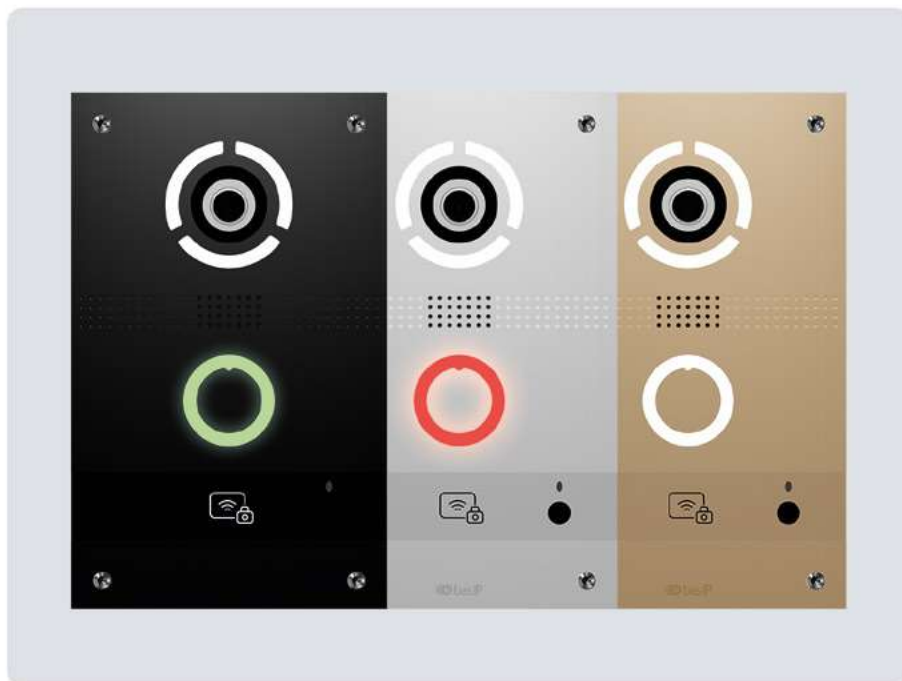


**BI-CUSTOM BLACK / BRASS**





# INDIVIDUAL ENTRANCE PANELS / APPS AND SOFTWARE



**AV-08FBL BLACK / SILVER / GOLD**



**AV-04SD SILVER / BLACK**



**AV-04FD SILVER / BLACK**



**AV-03D BLACK / SILVER**



**AV-03BD BLACK / SILVER**



**AV-04AFD GREEN / RED / SILVER**



**CR-02BD BLACK / SILVER**

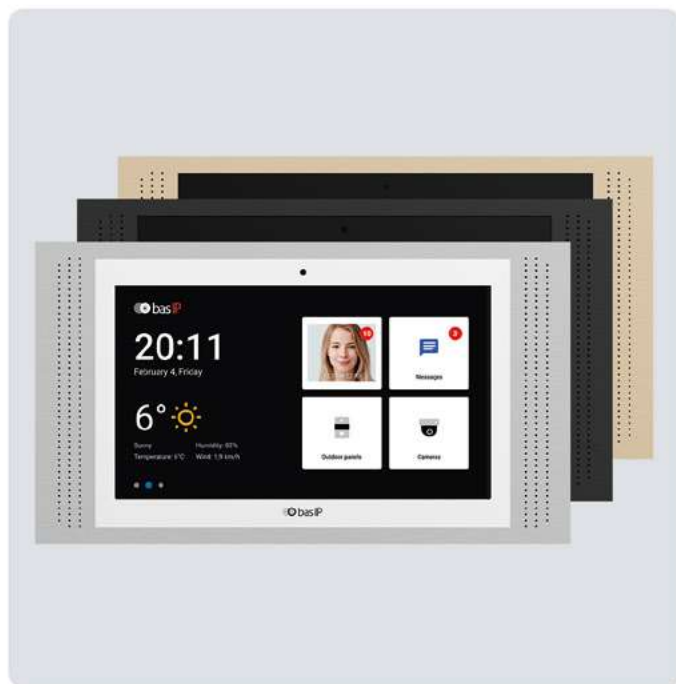


**LINK SOFTWARE**



**LINK / UKEY / UKEY CONFIG**

# IP INDOOR MONITORS



**AT-10 WHITE/ BLACK / GOLD**



**AT-07 BLACK / WHITE (WITH A CAMERA)**



**AZ-07L / AZ-07LF WHITE / BLACK**



**AZ-07LL BLACK / WHITE**



**AU-04LAF BLACK / WHITE**



**SP-03F / SP-03 WHITE / BLACK**



**AM-02 BLACK**



# ACCESSORIES / BRACKETS



**EXIT BUTTONS**



**2-WIRE ACCESSORIES**



**UPS-DP/F BLACK**



**SH-03**



**SP-AU**



**SP-SP**



**SH-02M4**



**EVRC-IP**



**SH-12**



**SH-42**



**BR-AA14**



**BR-AA12**



**BR-AA7**



**BR-AV8**



**BR-AV2**



**BR-SH45**



**BR-AT7**



**BR-AT10**



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