

basIP

INTERCOM SOLUTIONS



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.

2 FLEXIBLE SCALABILITY OF THE SYSTEM

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

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.

4 DEVELOPMENT OF INDIVIDUAL INTERFACES

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

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.

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.

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.

8 THE ABILITY TO INSTALL THIRD-PARTY APPS

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

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.

10 CONNECTING MOTION SENSORS

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

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.

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.

13 SIP TELEPHONY

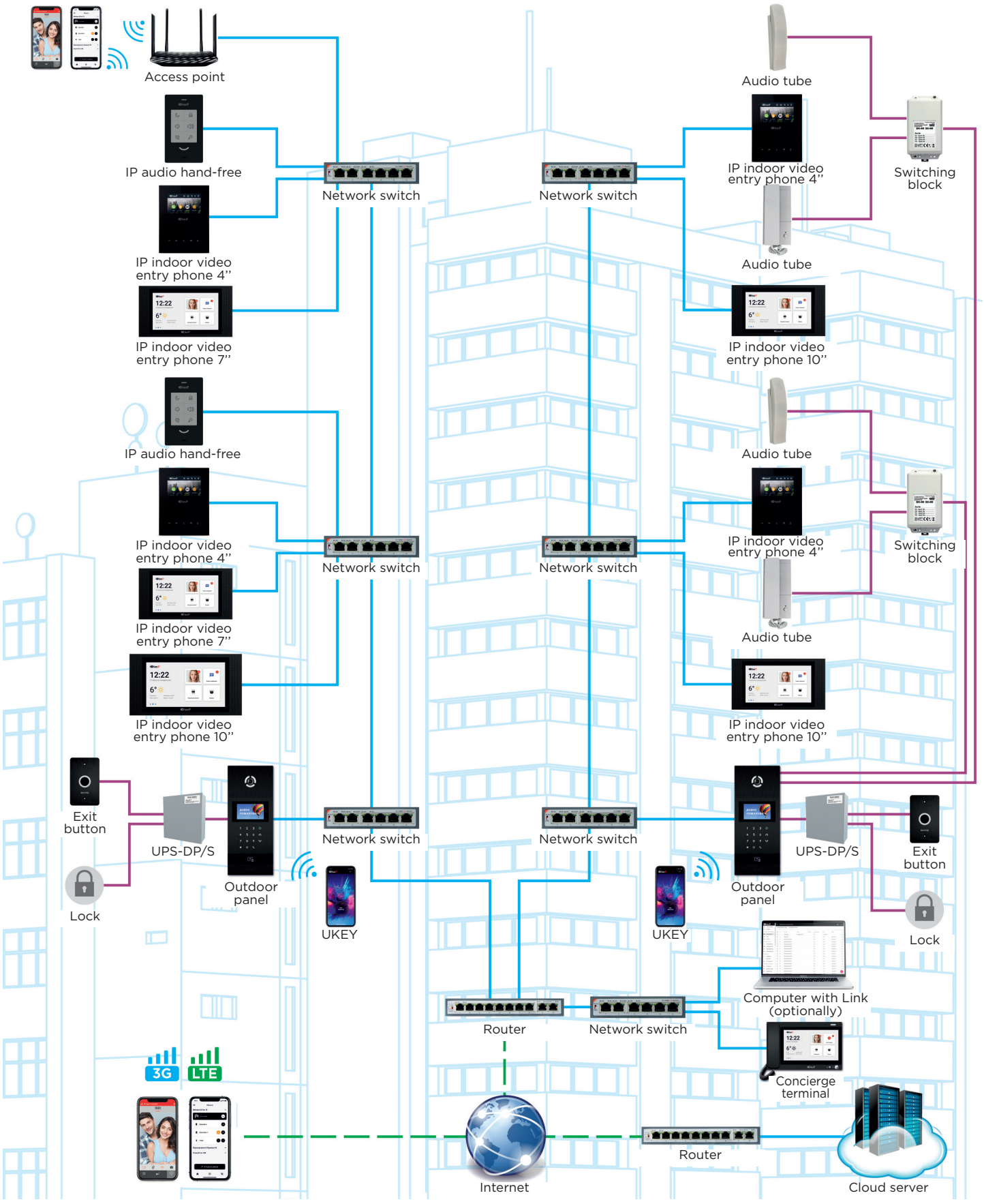
Calls from the outdoor panel can be routed not only to the BAS-IP monitors, but also to any SIP device.

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.



Hybrid connection diagram

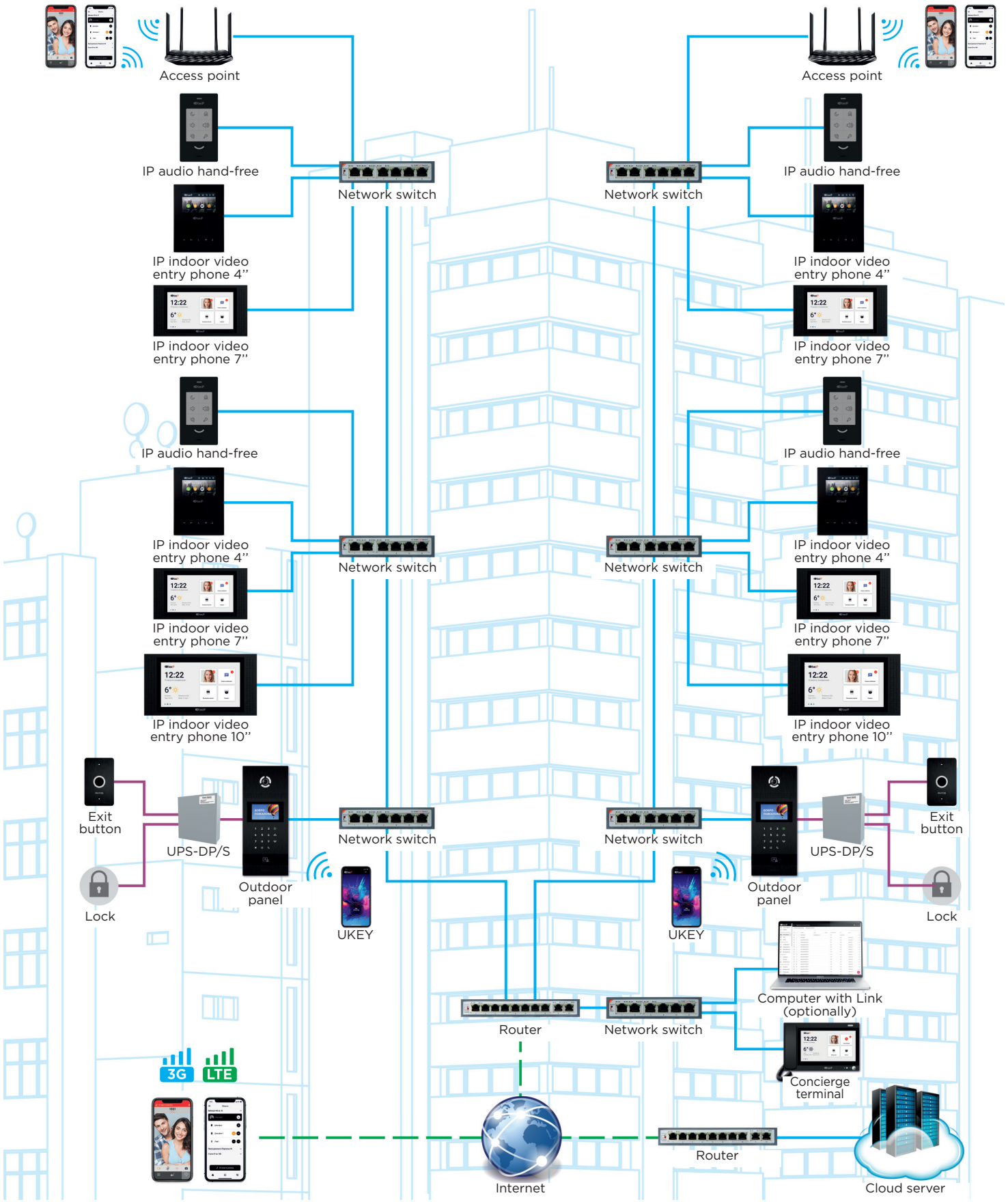


Network cable

Internet

Power cable

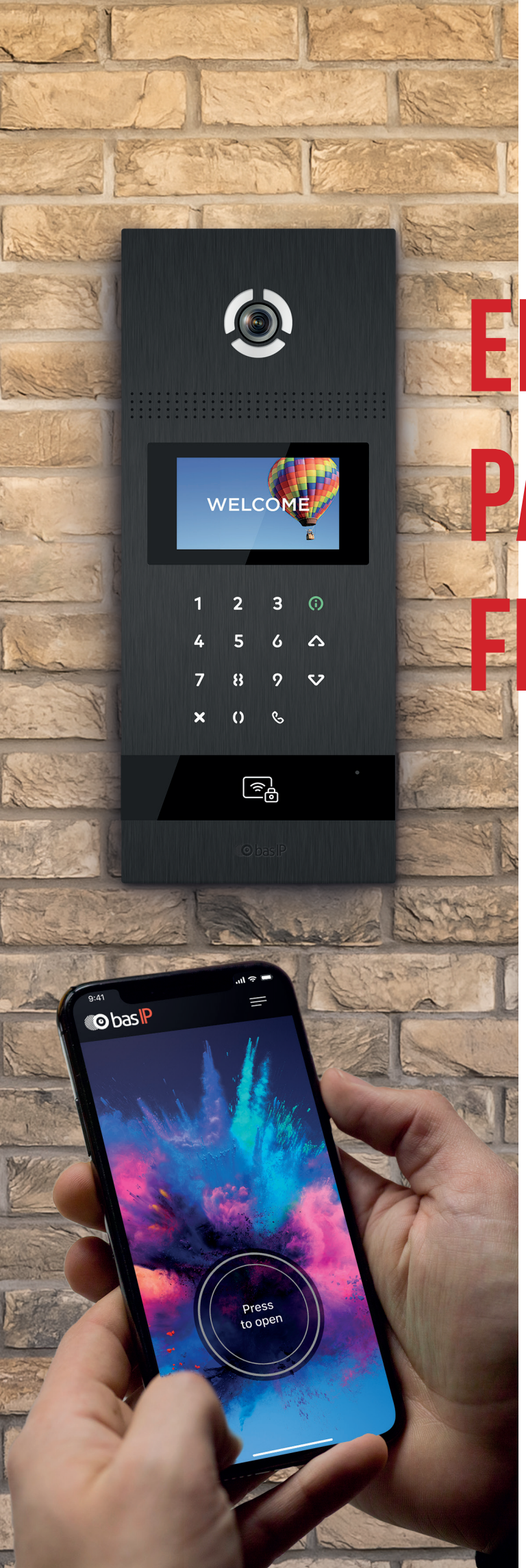
General connection diagram



Network cable

Internet

Power cable



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.

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.

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.

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.

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.

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.

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.

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.

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.

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

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HOW IT WORK?



Setting the camera to send numbers to the entrance panel



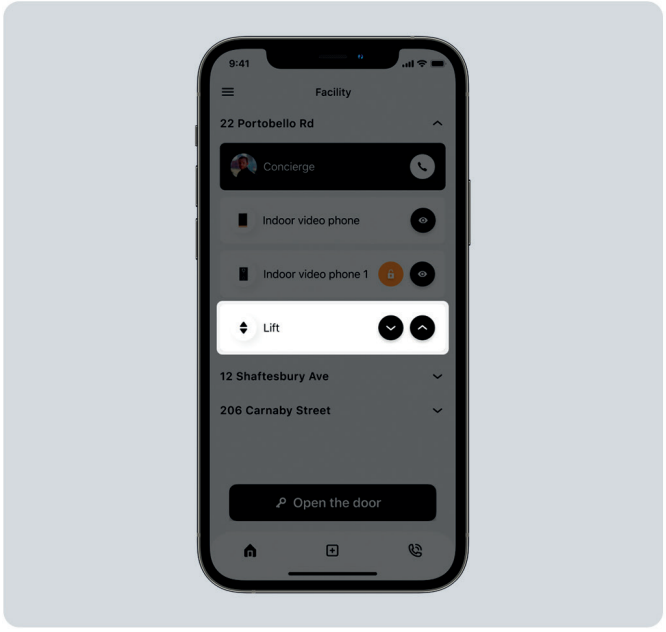
Adding license plates to the entrance panel memory



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

AVAILABLE AND SUPPORTED IN THE FOLLOWING COUNTRIES

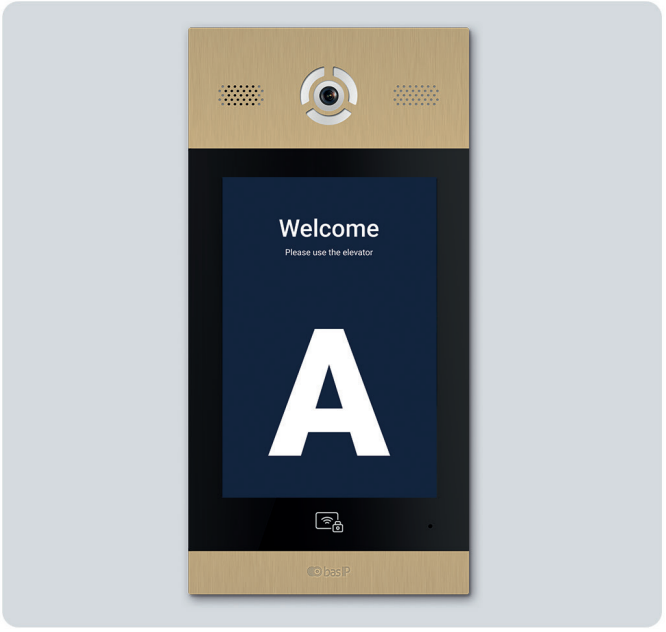
LIFT WORK



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.

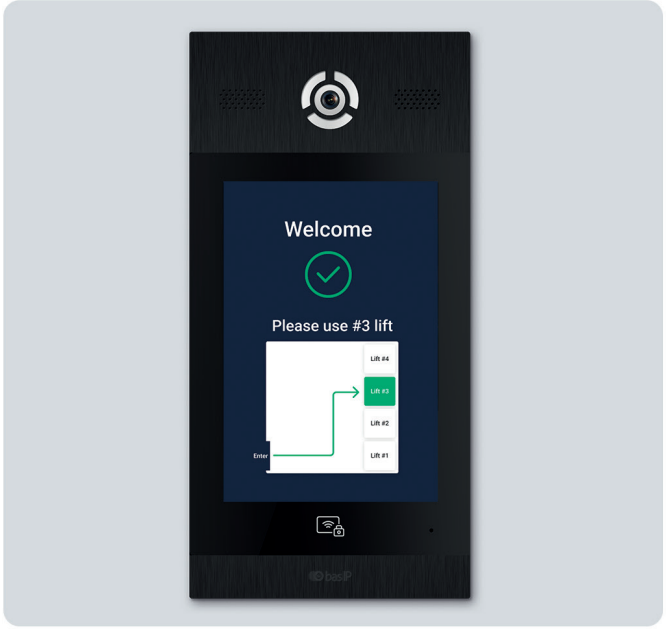
In addition, from the Link admin panel it is possible to call the lift to any floor.



LIFT NUMBER DISPLAY

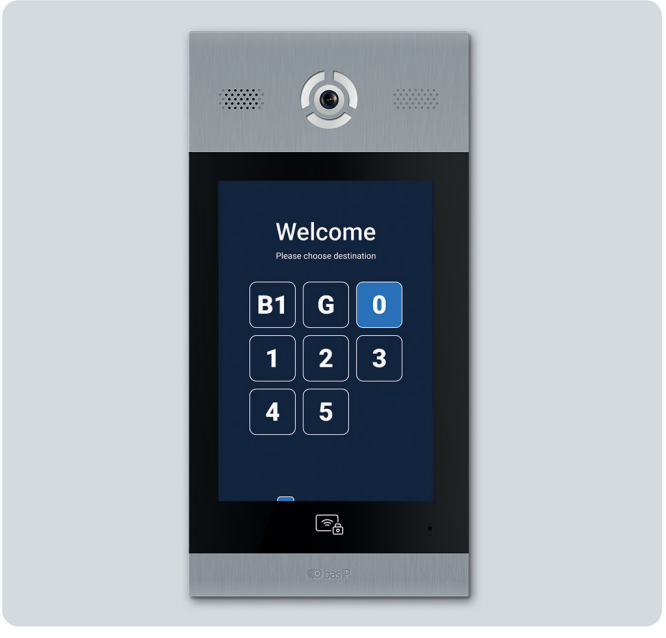
Setting the display of the desired lift number on the screen of multi-apartment entrance panels after the concierge or tenant opens the doors.

This allows the visitor to coordinate which elevator to go to.



LIFT MAPPING

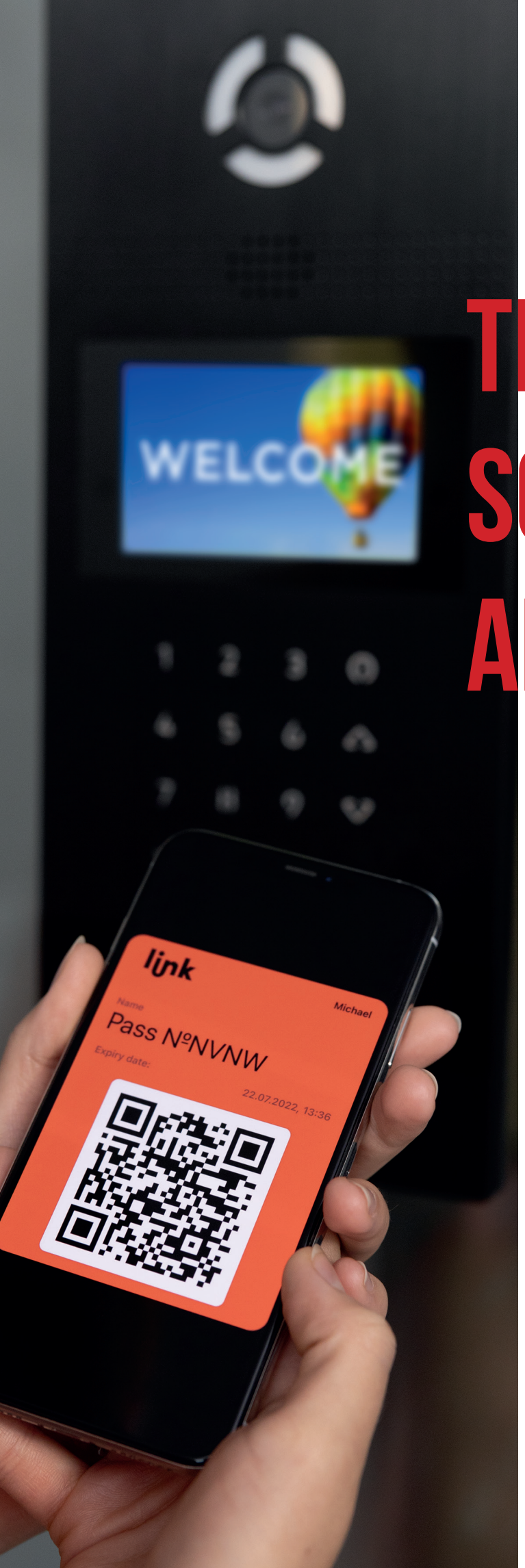
In large residential complexes, where there are many entrance groups and lifts, it is possible to display mapping to the required lift on the screen of multi-apartment entrance panels (panels AA-14FB and AA-15FB).



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.



basIP

THE LINK SOFTWARE AND LINK APP

ABOUT OUR SOFTWARE

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



THE LINK SOFTWARE

The Link software offers a centralized access control allowing you to connect with BAS-IP equipment in residential complexes and office centers of differing complexity. It allows you to flexibly manage all the functionality of the intercom system from anywhere in the world.

You can work with Link on any device: a computer, a tablet, or a smartphone running any operating system.

1 SYSTEM LOGGING AND MANAGING

You can record all events from devices including identifiers, entered codes, opening locks from called devices, calls, and all actions within the system.

2 TYPES OF USERS

There are several types of users in the system: Administrator, Concierge, User. Each type of account has its own set of administration options.

3 FACE ID SUPPORT

The ability to upload photos of residents to Link, where they will be converted into hashes and transmitted to the panel, like other identifiers.

4 SERVER-SIDE ADMISSION DECISION MAKING

In this mode, the outdoor panels do not store data about identifiers and codes, but they transmit them to the server to decide on admission, which provides additional security since information is stored strictly on the server.

5 REDIRECTION TO LINK SOFTWARE

Required to receive calls from different SIP subscribers. When a call from the department arrives at different nurses in the hospitalat different times of the day.

6 SUPPORT TO WORK WITH ANY LIFT

Capability: calling the lift from the monitor and mobile app to your floor / lift call by concierge from the Link admin panel to any floor and etc.

7 RECEIVING CALLS FROM PANELS IN LINK SOFTWARE

Thanks to the built-in SIP client in the Link web interface, the concierge can: make and receive audio and video calls / open the lock / view call history.

8 SUPPORT FOR WORKING WITH CAR IDS

Using the Link software, you can enter car numbers into a single database of all identifiers with their subsequent duplication into the panels memory.

9 BUILT-IN SIP SERVER

The built-in SIP server allows you to make calls between devices/mobile apps. The administrator can set up flexible forwarding rules for each day and view call logs.

10 MANAGEMENT FROM ANYWHERE IN THE WORLD

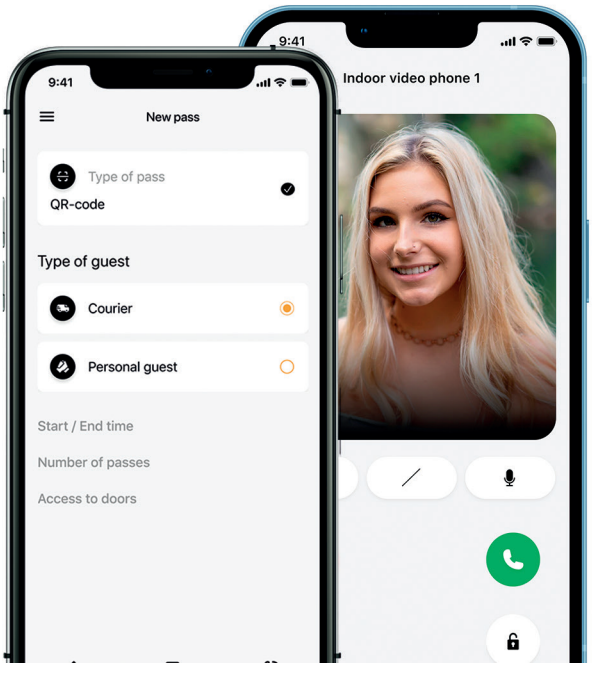
Allows you to connect the device to the server from anywhere in the world, without the need to change the network equipment settings.

LINK APP

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.





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

IP INDOOR VIDEO ENTRY PHONES AZ-07LF / AZ-07LLF

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" IPS TOUCH SCREEN
- HORIZONTAL AND VERTICAL ARRANGEMENT
- LINUX OR ANDROID HARDWARE VERSION
- ALARM BUTTON WITH SECURITY ALERT
- ALARM CONNECTION
- EXTENSIVE COLOR PALETTE
- CONNECTING 16/32 CAMERAS
- QUICK CONTROL BUTTON
- CONCIERGE CALLING
- CALLING THE LIFT TO THE FLOOR
- RECEIVING INFORMATION MESSAGES
- LINK APP SUPPORT
- WI-FI
- API
- SIP 2.0

BAS-IP OBELISK

NEW INTERCOM COLUMN

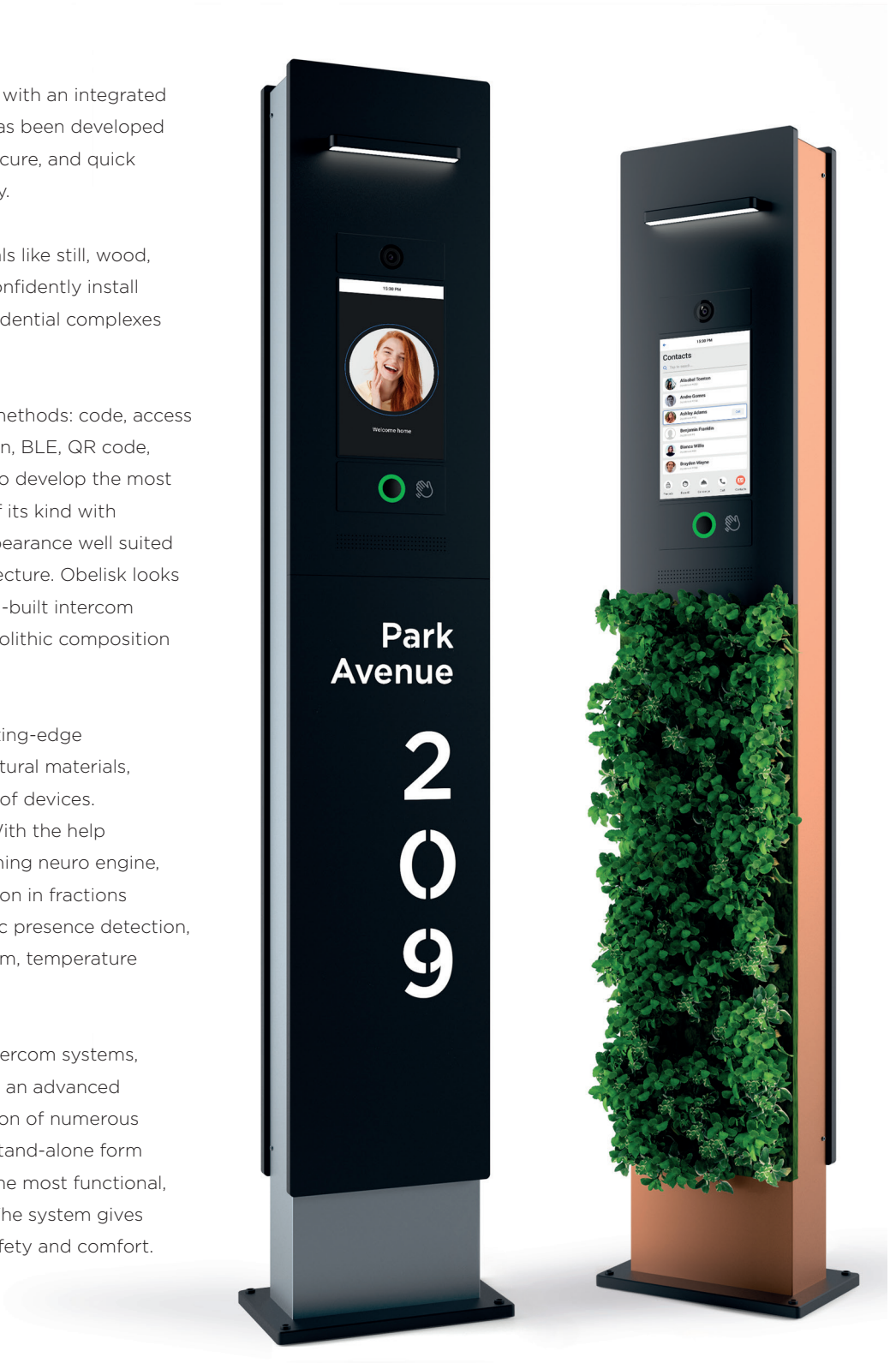
BAS-IP Obelisk is an AI pedestal with an integrated IP outdoor intercom system. It has been developed to provide convenient, stylish, secure, and quick access to the building or territory.

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.





WINNERS IN

reddot award 2021
best of the best

2021 WINNER
EUROPEAN PRODUCT DESIGN AWARD
www.productdesignaward.eu

MUSE DESIGN AWARDS
GOLD WINNER

NY NEW YORK PRODUCT DESIGN AWARDS

AV-08FBL

NEW INDIVIDUAL PANEL



TWO-COLOR BACKLIGHT OF THE CALL BUTTON

NEW CAMERA 2 MPX

Camera resolution – 2 MPx (1920 × 1080)
Horizontal viewing angle – 120°

TWO-STAGE MICROPHONE PROTECTION LEVEL

Protection against water and penetration
(damage by sharp tools)

WIEGAND OUTPUT

ADDITIONAL WIEGAND INPUT

PANEL CAN POWER THE LOCK UP TO 2A WITH POE

MULTI-FACTOR AUTHENTICATION

AA-14FBS

NEW PANEL WITH IPS SCREEN



SP-03F / AU-04LAF

NEW MODELS WITH WI-FI



SH-02M4SET
NEW MIFARE ® KEYCHAINS



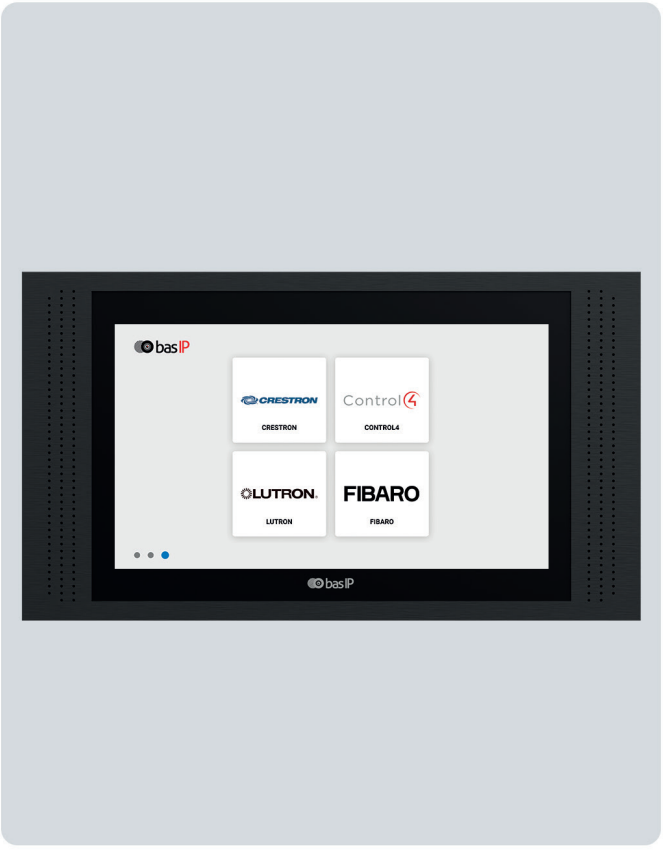
BAS-IP OBELISK
NEW INTERCOM COLUMN



INDUCTION LOOP
AA-07FB STAINLESS STEEL



SMART HOME APPS
INSTALLING APPS ON BAS-IP MONITORS



MULTI-APARTMENT AND INDIVIDUAL ENTRANCE PANELS



AA-14FB BLACK / SILVER / GOLD



AA-14FBS GOLD / SILVER / BLACK



AA-12FB BLACK / SILVER / GOLD



AA-07FB SILVER / STAINLESS STEEL



AA-07BD SILVER



BI-02 / 04 / 08 / 12 FB
BLACK / SILVER / GOLD



AV-08FBL BLACK / SILVER / GOLD



AV-08FB GOLD / SILVER / BLACK

INDIVIDUAL ENTRANCE PANELS AND INDOOR MONITORS



AV-05SD GOLD / SILVER / BLACK



AV-05FD BLACK / GOLD / SILVER



AV-04SD SILVER



AV-04FD SILVER



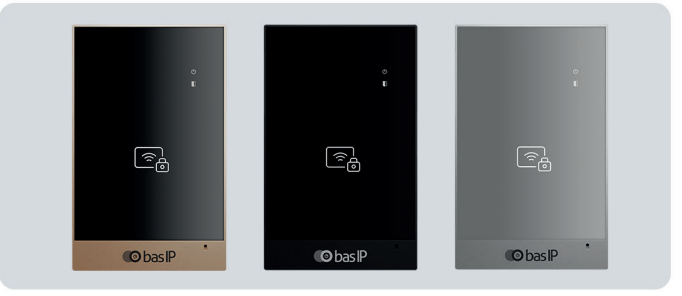
AV-03D BLACK / SILVER



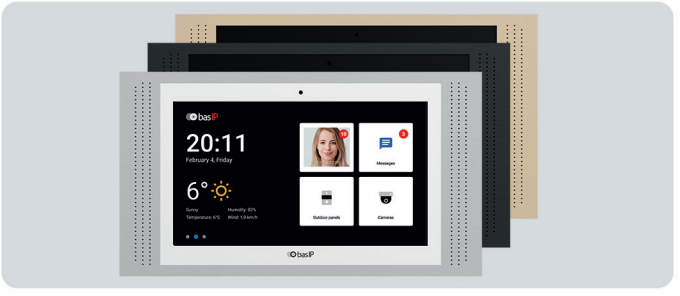
AV-03BD BLACK / SILVER



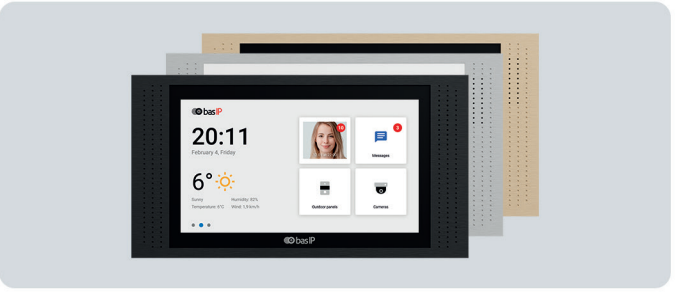
AV-04AFD GREEN / RED / SILVER



CR-02BD GOLD / BLACK / SILVER



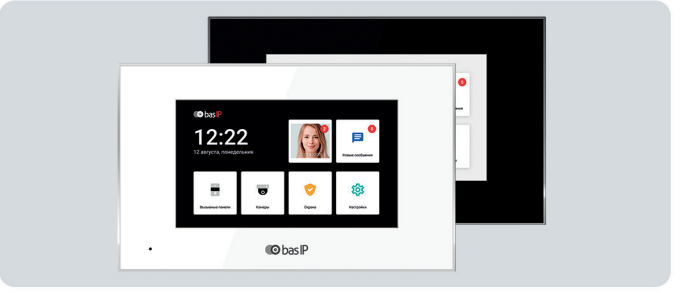
AT-10 WHITE/ BLACK / GOLD



AT-07L BLACK / WHITE / GOLD



AQ-07LL BLACK / WHITE



AQ-07LW WHITE / BLACK

INDOOR MONITORS / SYSTEMS / APPS AND SOFTWARE



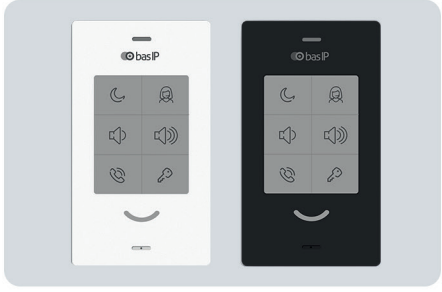
AZ-07LF GRAY / BLACK



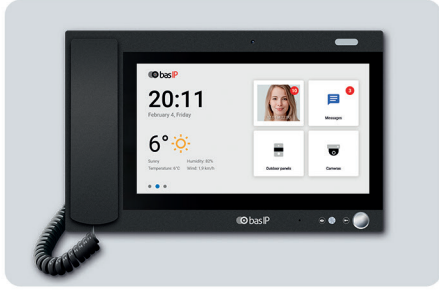
AZ-07LLF BLACK / GRAY



AU-04LAF / AU-04LA
BLACK / WHITE



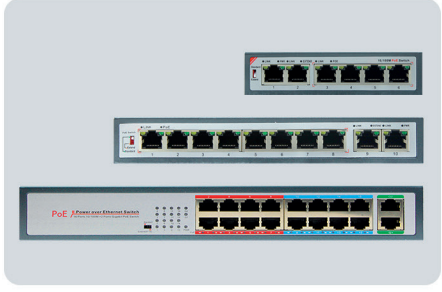
SP-03F / SP-03
WHITE / BLACK



AM-02 BLACK



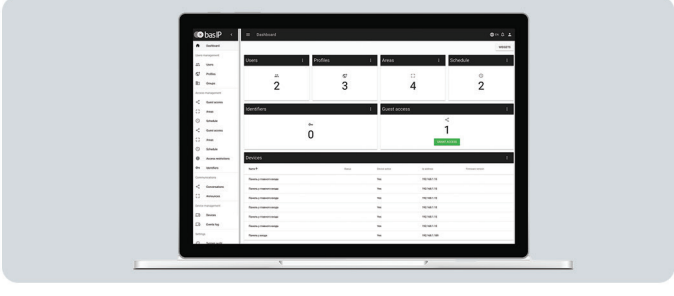
CONTACTLESS SOLUTIONS



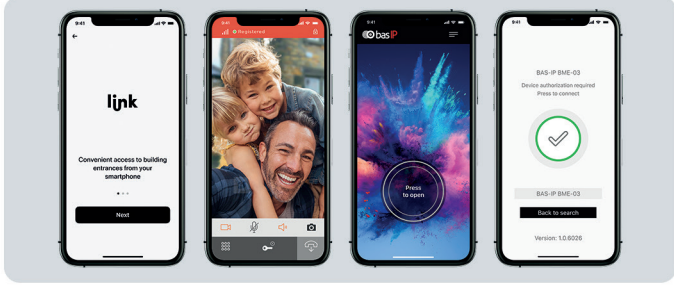
SWITCHES



2-WIRE ACCESSORIES



LINK SOFTWARE



LINK / INTERCOM / UKEY / UKEY CONFIG

ACCESSORIES AND BRACKETS



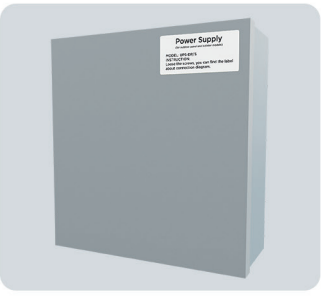
SH-45E



SH-45TE



UPS-DP/F BLACK



UPS-DP/S SILVER



SP-AU



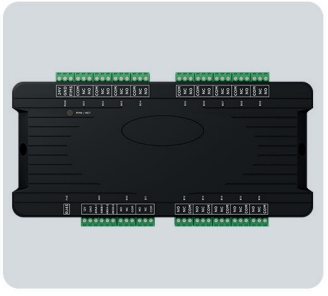
SP-SP



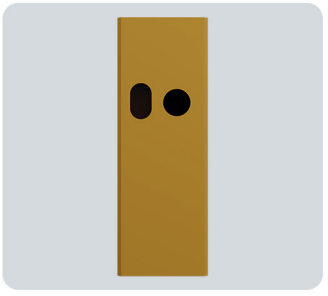
SH-02M4



SH-03



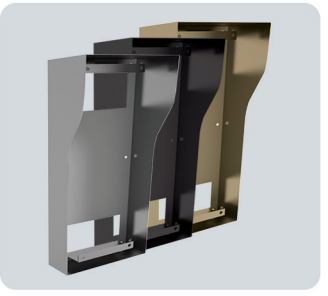
EVRC-IP



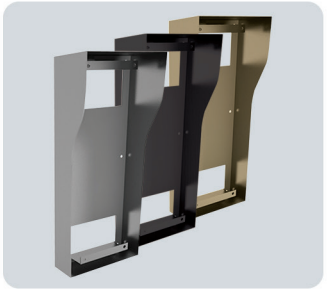
SH-31TM



SH-42



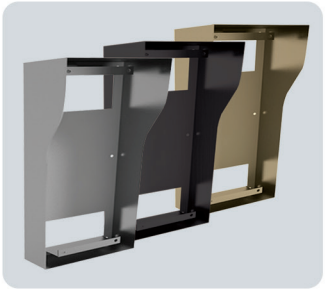
BR-AA14



BR-AA12



BR-AA



BR-AV8



BR-AV



BR-AV2



BR-SH45



BR-AT7



BR-AT10

bas IP

bas-ip.com

YouTube