Enhance the Security of Your Premises

The ability to connect a Bosch camera and access system to 2N door intercoms provides the customer with a unique and comprehensive solution that enables it to significantly enhance the security of its premises. Thanks to the connection of a 2N® Helios IP intercom with a camera and RFID card reader to a Bosch ACS (access control system) and VMS (video management software), customers have a unique opportunity to integrate an access, attendance and camera system into one device and thus obtain many unique benefits.

Thanks to the ACS, it’s easy to control access to a building and transfer identification data from an entry card from the intercom directly to Bosch management software. A visitor without an entry card uses the intercom’s standard functions to call reception, which simply opens the door for them. 2N® Helios IP intercoms, however, do not just provide physical security for doors. In the same way as images from all external cameras are recorded in the management system, recordings can also be made from cameras located in 2N door intercoms. The unique benefit of the connection between the VMS and 2N IP intercoms is that an intruder does not expect an intercom to be able to record him/her up close. Connection of the ACS and VMS to 2N® Helios IP door intercoms is possible thanks to the implementation of ONVIF and WIEGAND protocols, which ensure mutual compatibility.

Benefits

• Integrated solution — access, attendance system and camera in one device
• Snapshot — thanks to a built-in camera, the intercom takes a photograph of the person entering the building every time a card is used
• Night vision — a built-in camera with infrared lighting and night vision provides quality images even at night
• Option of remotely opening doors from any telephone (including a mobile phone)
• Elegant, but secure access

Compatible with:
• VMS (Video Management Software)
• ACS (Access Control System)

If you are interested in our product please call +420 261 301 500 or email us at sales@2n.cz. To get more information visit www.2n.cz.
Basic Architecture

Features

Real time video streaming
The 2N® Helios IP intercom can offer continuous video streaming from an integrated camera of another system, which can record or otherwise process it. The main transmission is made by an RTSP protocol, which is commonly supported by 3rd party systems.
Practical use: The 2N® Helios IP intercom can be used as a standard IP camera, which can be integrated into the security system of the building.

Time profiles
The time profile feature enables the limitation of calling to selected numbers and defines the validity of access codes or RFID cards, using a weekly calendar.
Practical use: You can simply define a time profile for a particular person. For example, for a cleaning service worker or the postman, who will be denied access after business hours.

Integration into security and automation systems
The 2N® Helios IP intercom provides a standardised communication interface, through which standard security or attendance systems can be connected. It has Ethernet, Wiegand, RS-485, or digital input and output.
Practical use: An integrated RFID card reader can be connected to your security system supporting a Wiegand interface. You can connect an already existing system to the 2N® Helios IP intercom.

Remote trigger switch control
The relays of the 2N® Helios IP intercom can be simply closed/opened from any other device by an HTTP command.
Practical use: Integration into a home automation system. Electric locks can be controlled from a central panel/independently call operated.

IP Relay
IP relay can be used as a reliable solution for the remote control of appliances that cannot be, for security reasons, connected directly to the 2N® Helios IP intercom. IP relay is connected to the local network and is controlled by the commands for closing and opening.
Practical use: IP relay will be connected into the LAN in the protected area. It will be connected to the door lock controller. When a code is entered for opening a door, an HTTP command will be sent from the 2N® Helios IP intercom to the IP relay for opening or closing the door.

Picture to e-mail
The 2N® Helios IP intercom sends pictures directly to your e-mail box, of visitors captured by an integrated camera when they call.
Practical use: Information about visitors who didn’t catch you, can be found in your incoming e-mail box, with the exact time of the missed call and with several pictures from the camera.

2N® Helios IP Family:

The 2N® Helios IP family is a wide range of door intercoms for every situation - whether in security, business, emergency, or any other special area.
From providing simple applications requiring a clear and easy connection to a single IP telephone, to comprehensive communication arrangements integrated into security and signalling systems and IP PBXs. Having the highest quality and certification, 2N ensures compatibility with industry-standard-based IP network solutions such Avaya, Cisco, and others.