Enhance your door communication

2N® Helios IP Vario is a comprehensive solution for door entry. Thanks to its high modularity and broad flexibility 2N® Helios IP Vario is the perfect choice for installations and buildings of all sizes.

Features:
- Audio, video, keypad and RFID reader solution in one box
- Pure IP environment
- PoE (Power over Ethernet) or 12V DC external power source
- Optional color TFT display with an intuitive user interface
- High quality audio (codec G.711, G.729) and real time high quality video (codecs H.263+, H.264)
- Remote control and administration for your convenience and mobility
- Simple installation and integration with any SIP based 3rd party devices
- Weather resistance – Marine Grade Steel case with IP 53 cover
- Variety of models and accessories that fits all customer requirements

Benefits:
- Convenient way to monitor and control entry of visitors remotely
- Representative look
- Easy setup and maintenance

Target Groups
- Hospitals, Clinics and Laboratories
- Offices (small to large)
- Residences, gated communities, apartment complexes
- Parking lots and garages
- Government, institutions
- Schools, universities, campuses
- Prisons
- And anywhere else you appreciate secured door entry

Graphic display for your presentation

Features

Real time video streaming
24/7 video monitoring. This continual streaming of voice and video via LAN can be received by any device supporting RTSP and can be watched by 4 different computers at one time independently on call.

Practical use:
This function increases the building security. Just record your video from 2N® Helios IP Vario and you will have a proof of people entering. It can serve also as a substitute for a video phone.

Time profiles
A time profile defines when the phone number or lock code is valid or invalid. Any profile can be assigned to a particular lock or a contact in the phone book. There are up to 20 time profiles.

Practical use:
If you want to limit the access of a particular person at a particular time, e.g. a cleaning service has an access code which is able to open the door just between 17:00 and 21:00, Monday to Friday.

HTTP lock control
The relay inside 2N® Helios IP Vario can be activated/deactivated from another device by http command fully independent of incoming/outgoing calls.

Practical use:
Integrated into the home automation system, 2N® Helios IP Vario enables the opening of a door lock from the central tablet independently on incoming/outgoing calls.

User sounds
This function enables the setting of any sounds defined by a user instead of the default sounds for 2N® Helios IP Vario activities. It customises the door communication and makes it more personal and pleasant for visitors.

Practical use:
The visitor can hear instead of the busy tone the sentence „Please dial again later".

TFTP server
This feature enables the automatic update of firmware and configuration from a TFTP server and it provides substantial time savings for the IT department where many units have to be administered.

Practical use:
All 2N® Helios IP Vario units can download the configuration and new firmware from one central location in the case of extensive installations – there's no need to upgrade all the units one by one.

Helios IP card reader
Smart RFID card reader module can be inserted into any type of 2N® Helios IP Vario with a reader connector. The Reader module adds 2 additional relays and inputs/outputs for future use. Administration is easily made from 2N® Helios IP Vario web configuration tool.

Practical use:
Users of 2N® Helios IP Vario can use RFID cards to open door, time profiles and restrict access for selected cards according to day and time.

IP Relay
2N® Helios IP Vario can control IP relay connected to the same LAN as 2N® Helios IP Vario. Relay is controlled by the same way as a normal relay inside of 2N® Helios IP Vario – you just have to specify its IP address and user command.

Practical use:
IP Relay can be used in case you don't want to connect door lock directly into 2N® Helios IP Vario from security reasons. This way there's only communication by http command between 2N® Helios IP Vario and relay that's controlling door lock.

...and many more smart and useful features.

Technical Parameters

Signalling protocol	
	SIP 2.0 (RFC - 3261)

Buttons	
Quick dial buttons	stainless steel
Number of buttons	1, 3, 6 and up to 54 using extenders
Numeric keypad	optional

Audio stream	
Codecs	G.711, G.729

Camera	
Resolution	640 (Horizontal) x 480 (Vertical)
View angle	55° (H), 39° (V)

Video stream	
Codecs	H.263+, H.264, MPEG-4, JPEG

Interface	
Power supply	12V±15%/1A DC or PoE
PoE	PoE 802.3af (Class 0 - 12.95W)
LAN	Connector Screw plug
	10/100 BASE-T with Auto-MDIX
Passive output	NC/NO contacts, max 30V/1A AC/DC
Active output	12V/900mA DC

RFID card reader	
Supported cards	EM-40XX (125Khz)
	HID Proximity (125kHz, 26 bit)

Mechanical	
Operating temperature range	-20°C – 55°C
Storage temperature range	-40°C – 70°C
Relative humidity	10% - 95% (not condensing)
Dimensions	210x100x29 mm
Protection level	IP 53

2N® Helios IP Family:

2N® Helios IP Force   **2N® Helios IP Safety**   **2N® Helios IP Vario**   **2N® Helios IP Uni**

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 as Avaya, Cisco, and others.

CISCO Compatible

AVAYA DEVCONNECT GOLD

BROADSOFT Innovation calling.