



## Modular Security Intercom for demanding Customers



The 2N<sup>®</sup> Helios IP Verso is a security intercom that, thanks to its modularity, can be used everywhere you need to choose a specific function and purpose of use. For example, you can choose an HD camera with an infrared light and night vision or a smart card reader. It can not only be easily integrated into your current camera and monitoring system, but thanks to programmable scripts, also with KNX installation. Furthermore, the whole system can be also used as a security component to protect the building.

In addition, the 2N<sup>®</sup> Helios IP Verso intercom is very durable, works perfectly in environments from -40° to +60° C and can endure sudden changes in weather. Communication between individual intercoms and the LAN network is secured using the 802.1x protocol and, thanks to a closed OS, the intercom is resistant to attacks by hackers.

The freedom to select functionalities, the degree of security and durability are the main building block for demanding customers. When you take into account the fact that the IP intercom also excels in its luxury design, we can boldly declare that you'll find nothing like it on the IP intercom market. Only one can be truly perfect!

### Why to choose the 2N<sup>®</sup> Helios IP Verso?

- HD camera with infrared light and night vision
- Integration with third-party CCTV systems with ONVIF support
- 13.56 MHz smart card reader with NFC support
- Programmable scripts for actions and reactions
- NextGen html5 web configurator
- Connectable external IP camera
- Attendance system
- Video and audio for mobile telephones and tablets
- KNX support



#### Use:

- Offices and office complexes
- Schools
- Public state administration buildings
- Apartment complexes and houses
- Educational institutions

## Features



### 24/7 HD surveillance

Camera systems are nowadays already a standard feature of protection for people and property. For a camera system to be effective, use of HD cameras and the possibility of recording in total darkness is nowadays already the standard. We have designed the 2N® Helios IP Verso to provide a camera system with a picture in HD quality, the only device on the market to also be capable of doing so in total darkness. You thus have high quality visual evidence whatever the conditions.



### Hack resistant OS

Nowadays, computers can be found in almost everything from your car to your fridge. Computers are our intelligent companions, but if they are attacked, for example with the aid of a virus or Trojan horse, they can all of a sudden become a problem. This is why the 2N® Helios IP Verso is built in such a way that its "computer" is resistant to such attacks. The operating system in our intercoms is closed, so no viruses exist for it which could pose a threat. The integrity of the firmware is checked before being loaded into the intercom to ensure that it is not possible to load counterfeit or damaged firmware into it.



### 2N° Helios IP Eye

A free downloadable application that allows you to watch a video from the camera of the 2N® Helios IP Verso on your PC. You can watch a video from a selected intercom, or set it such that you will see video even before picking up the incoming call. You will see the person who is standing in front of the door, even before you pick up the call on your IP phone. By pressing only one button in the application you can easily open the door.



### Extreme mechanical resistance

An intercom is a piece of equipment which is exposed to the harshest of conditions outside the building which it protects. From unbearable heat in direct sunlight and storms with torrential rain, right through to freezing temperatures during the winter. Apart from the elements, an intercom may also become a target for attacks by vandals or thieves. No, we do not want to scare you. You can stay calmly seated in the comfort of your office or living room. The 2N® Helios IP Verso is ready to face all of these challenges and remain fully functional to reliably protect your door.



### Remote trigger switch control

The relays of the 2N® Helios IP Verso can be simply closed/opened from any other device by an HTTP command. Integration into a home automation system, for example. Electric locks can be controlled from a central panel, independently call operated.



### Thief protection system

Thieves come in through doors. According to a survey by the Ministry of the Interior, thieves use doors to enter buildings in fifty per cent of cases. This is why we have developed a system for our intercoms which protects your door against unauthorised intrusion or misuse. Door control is protected with the aid of secured lock control and thanks to accessories such as an open door sensor, 2N® Helios IP Verso can sound the alarm, for example if the door is forced open.



### Security platform integration

Today's security systems are made up of a set of many devices, such as IP cameras, access systems and various detectors. The brain of the whole system is nowadays a server which controls all of the systems so that they function as a single unit with the maximum level of performance. At 2N, we follow the latest trends in the security industry and this is why our intercoms are able to "communicate" with state-of-the-art security systems. The 2N® Helios IP Verso can thus, for example, be part of a camera or access system and provide a higher level of security than other separate devices.



### Picture to e-mail

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

...and many more smart and useful features.

## Technical Parameters

<b>Signalling protocol</b>		SIP 2.0 (RFC - 3261)
<b>Buttons</b>		
Quick dial buttons	Transparent, white backlit buttons with easily replaceable name tags	
Number of buttons	1 to 146	
Numeric keypad	optional	
<b>Audio</b>		
Microphone	1 integrated microphone	
Loudspeaker	2W	
<b>Audio stream</b>		
Codecs	G.711, G.729	
<b>Camera</b>		
Resolution	1280 (Horizontal) x 960 (Vertical)	
View angle	120° (H), 90° (V), 145° (D)	
IR Night Vision	yes	
<b>Video stream</b>		
Codecs	H.263+, H.263, H.264, MJPEG, MPEG-4	
<b>Interface</b>		
Power supply	12V±15%/2A DC or PoE	
PoE	PoE 802.3af (Class 0 - 12.95W)	
LAN	10/100BASE-TX with Auto-MDIX, RJ-45	
Relay outputs	NC/NO contacts, max 30V/1A AC/DC	
Active output	8V - 12V DC/400mA	
<b>RFID card reader</b>		
Supported cards	Mifare Classic 1k & 4k, DESFire EV1, Mini, Plus S&X, SmartMX, Ultralight, Ultralight C, SLE44R35, my-d move (SLE66Rxx), PayPass, Legic Advant Calypso, CEPAS, Moneo, PicoPass, HID iCLASS	
<b>Mechanical</b>		
Operating temperature range	-40°C - 60°C	
Storage temperature range	-40°C - 70°C	
Relative humidity	10% - 95% (not condensing)	
Protection level	IP 54	
<b>Dimensions</b>		
Wall-mounted 1 modul	107x130x28 mm	
Wall-mounted 2 modules	107x234x28 mm	
Wall-mounted 3 modules	107x361x28 mm	
In-wall 1 modul	130x153x5 mm	
In-wall 2 modules	130x257x5 mm	
In-wall 3 modules	130x361x5 mm	



2N TELEKOMUNIKACE a.s.

Modřanská 621, 143 01 Prague 4, Czech Republic, Tel.: +420 261 301 500, E-mail: sales@2n.cz, [www.2n.cz](http://www.2n.cz).