



2N® Helios IP Verso

Security intercom 2N® Helios IP Verso is configurable to your needs thanks to its modularity. Also allows you to easily interface with other systems, achieving even higher site security. Moreover it is very tough and works flawlessly.



Offices and office buildings
Residential complexes
Family houses
Schools and campuses

State administration public buildings
Home Automation

Modularity

Take advantage of the modularity of this IP intercom and configure it to your requirements. Select not only the specific module and accessories, but also the configurable functions.

Camera with night vision

See who is standing in front of your door, even in total darkness. Moreover, the camera is hidden from normal view. The intruder has no clue they're being monitored.

Access control

Achieve a greater level of security for all the people on site. Thanks to the 2N® Helios IP Verso you can simply prevent the entry of unauthorized persons.

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FEATURES & BENEFITS

SIP support with no server needed

Thanks to SIP protocol support the intercom can link easily with IP phones and PBX from other producers, without having to connect to the server.

Security relay

This simple additional device prevents manipulation with the lock, preventing unauthorized intrusion.

Picture to email

2N® Helios IP Verso allows you to email snapshots of the visitor captured by the camera at the time of the call.

Integration to the security system

Easily link the intercom to the existing security system and increase site security.

External camera

Simply connect an external IP camera to the intercom to cover all the blind spots.

Suitable for the disabled

The device can be fitted with an induction loop and pictograms and is thus also suitable for communication with the hearing impaired.

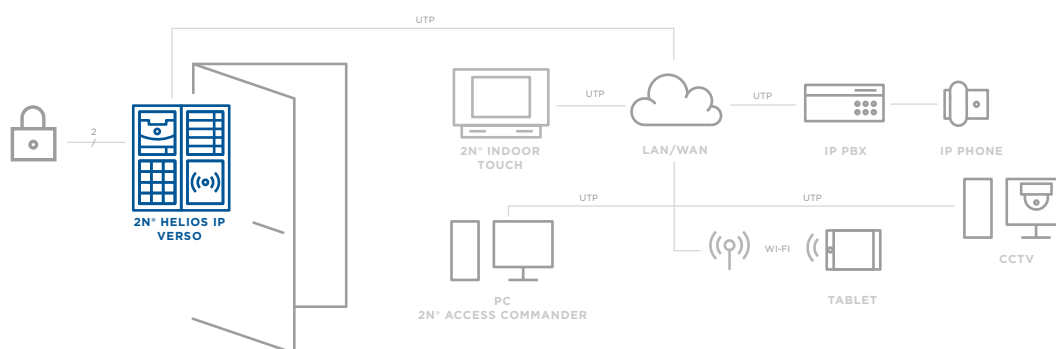
Calls to mobile and tablet

2N® Helios IP Verso will also allow you to call a mobile phone or tablet, over the local network via wi-fi or over cellular data.

Trouble-free installation

The IP intercom by 2N is so intuitive that it can easily be installed by a user with only basic knowledge of IT.

DIAGRAM



TECHNICAL PARAMETERS

Signalling protocol

SIP 2.0 (RFC - 3261)

Buttons

Hotkey buttons	Transparent buttons with white backlight and easily removable label
Number of buttons	1 to 146
Numeric keypad	Optional

Audio

Microphone	1 built-in microphone
Speaker	2W
Sound pressure at 1 kHz at 1 m distance	78 dB

Audio stream

Codecs	G.711, G.729, G.722, L16/16kHz
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Camera (optional)

Resolution - JPEG	1280 x 960 px
Resolution - video call	640 x 480 px
Viewing angle	120° (H), 90° (V), 145° (D)
Night vision	Yes

Video stream

Codecs	H.263+, H.263, H.264, MJPEG, MPEG-4
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RFID card reader

RFID card reader	13.56MHz a 125kHz
Support for NFC	Yes, HCE and the 2N® Mobile Key application needed

Interfaces

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
Switch output	NC/NO contacts, max 30 V/1 A AC/DC
Active switch output	8 to 12 V DC depending on Power supply (PoE: 10 V; adapter: source voltage minus 2 V), max 400mA

Mechanical properties

Operating temperature	-40°C - 60°C
Storage temperature	-40°C - 70°C
Operating relative humidity	10%-95% (non-condensing)
Coverage level	IP 54

Dimensions

Dimensions depend on configuration of the modules and installation type - see www.2n.cz for details.

SOFTWARE

2N® Access Commander - software to manage 2N IP intercoms and access units

2N® Helios IP Eye - an application that enriches your desk phone with video from the intercom camera

2N® Network Scanner - application for detecting 2N IP intercoms and access control units on the network

2N® Helios IP Mobile - an application that displays the image from the intercom camera on your mobile device display

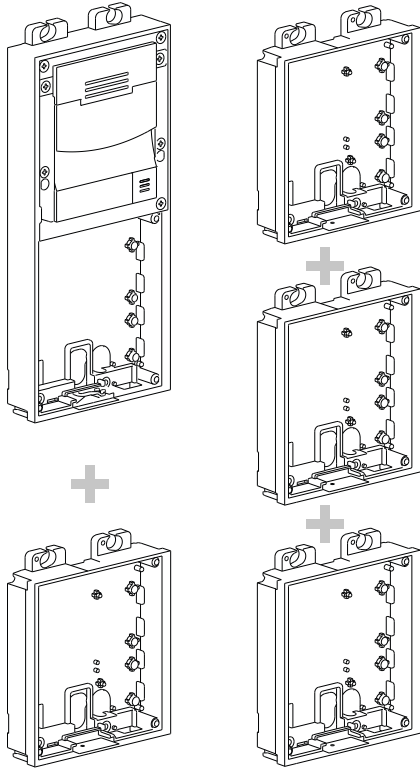
2N® Mobile Key - an application that turns your mobile phone into an access card

Modularity

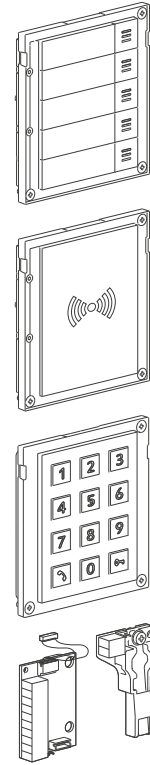
MODULARITY CLARIFIED

2N® Helios IP Verso can be tailored to your requirements. Select the specific modules, frame and mounting box.

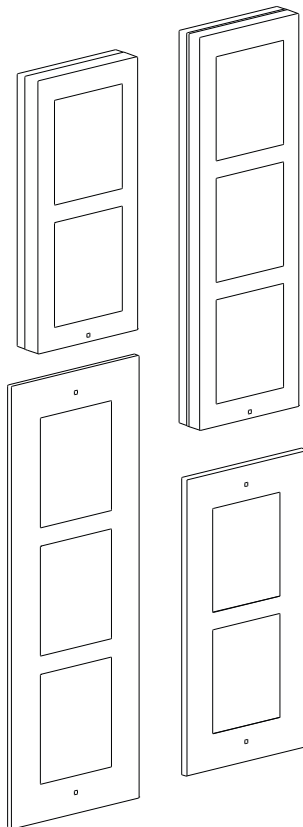
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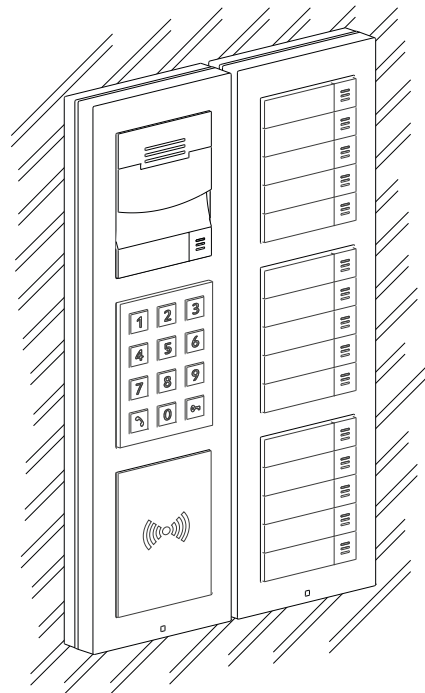
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4



Modularity

MODULES



Main unit
with camera
9155101C



Main unit
without camera
9155101



Infopanel
9155030



5 buttons
9155035



RFID card reader
125 kHz
9155032



RFID card reader
13,56 MHz
9155033



RFID card reader
13,56 MHz NFC
9155040



Secure RFID card reader
13.56 MHz with NFC
9155042



Induction loop
9155041



Keypad
9155031



Blind module
9155039



I/O Module
9155034



Wiegand module
9155037



Tamper switch
9155038

FRAMES



Flush installation
1 module
9155011



Flush installation
2 modules
9155012



Flush installation
3 modules
9155013



Surface installation
1 module
9155021



Surface installation
2 modules
9155022



Surface installation
3 modules
9155023

ACCESSORIES

Boxes

Flush-mounting box for 1 module	9155014
Flush-mounting box for 2 modules	9155015
Flush-mounting box for 3 modules	9155016

Other

Extension cable – 1 m long	9155050
Blind button	9155051
Netetag foil	9155052

Backplates

Backplate – 1 module	9155061
Backplate – 2 modules	9155062
Backplate – 3 modules	9155063
Backplate – 2(w) x 2(h) modules	9155064
Backplate – 3(w) x 2(h) modules	9155065
Backplate – 2(w) x 3(h) modules	9155066
Backplate – 3(w) x 3(h) modules	9155067