



2N® Helios IP Verso

The 2N® Helios IP Verso security intercom is configurable to your needs thanks to its modularity. It provides reliable access control and allows you to easily interface with other systems. Now also available with a Bluetooth module or touchscreen.



reddot award 2017
winner

Offices and office buildings
Residential complexes
Family houses
Schools and campuses

State administration public
buildings
Home Automation
Hotels

Bluetooth technology

Get the latest technology in access systems. The Bluetooth module lets you eliminate access codes, entry cards, and key distribution.

Touchscreen

Create an intuitive and structured contact list similar to that in your mobile phone. It is water resistant vandal resistant and easy to read even in direct sunlight.

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.

2N® Helios IP Verso

FEATURES & BENEFITS

Adjustable door security levels

Make use of different security modes with the 2N® Mobile Key application, which allows you to adjust the functioning distance from the Bluetooth module.

Intuitive controls and search

The touchscreen has all the functions of a mechanical keyboard. Discover its luxury design and intuitive controls and search.

Access control

Achieve a greater level of security for all those at its location. 2N® Helios IP Verso makes it easy to prevent the entry of unauthorized persons.

Modularity

The modularity of this IP intercom allows you to configure it to your requirements. Select the specific module, accessories and configurable functions.

SIP support with no server needed

SIP protocol support makes it easy to link the intercom with IP phones and PBX from other producers, without having to connect to the server.

Security relay

This simple additional device prevents intrusion by detecting any unauthorized manipulation of the electronic locking system.

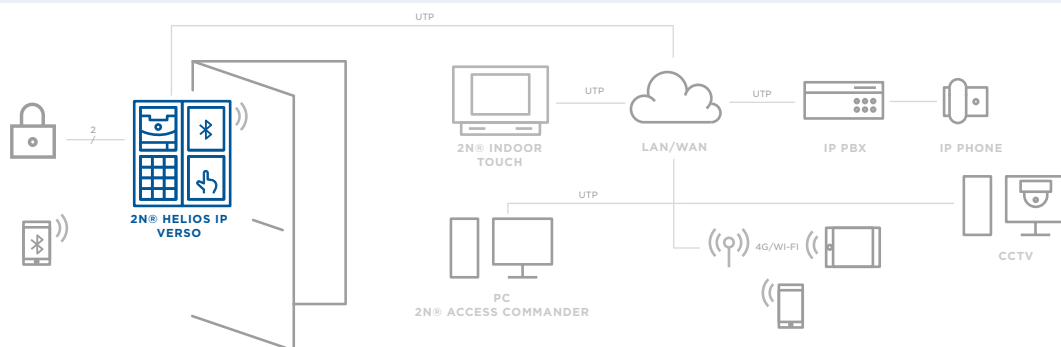
Picture to email

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.

DIAGRAM



TECHNICAL PARAMETERS

Signalling protocol

SIP 2.0 (RFC - 3261)

Buttons

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

Bluetooth module (optional)

Bluetooth Smart technology	
Security	RSA-1024 and AES-128

Touchscreen (optional)

Buttons and keyboard functions

Video stream

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

RFID card reader	13.56MHz and 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
Supported protocols	SIP2.0, DHCP opt. 66, ONVIF, SMTP, 802.1x, RTSP, RTP, TFTP, HTTP, HTTPS, Syslog

Mechanical properties

Operating temperature	-40°C - 60°C, touch display -30°C - 60°C
Storage temperature	-40°C - 70°C
Operating relative humidity	10%-95% (non-condensing)
Coverage level	IP 54, IK08, touch display IK07

Dimensions

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

SOFTWARE

2N® Mobile Video - mobile application providing video calls from the intercom to your mobile device

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

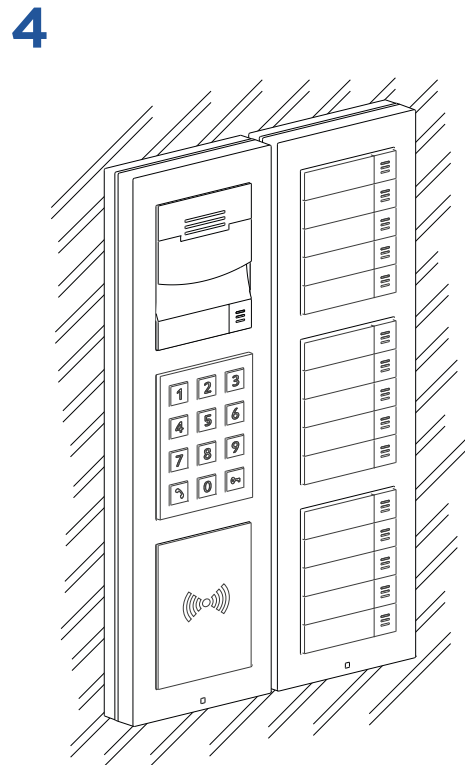
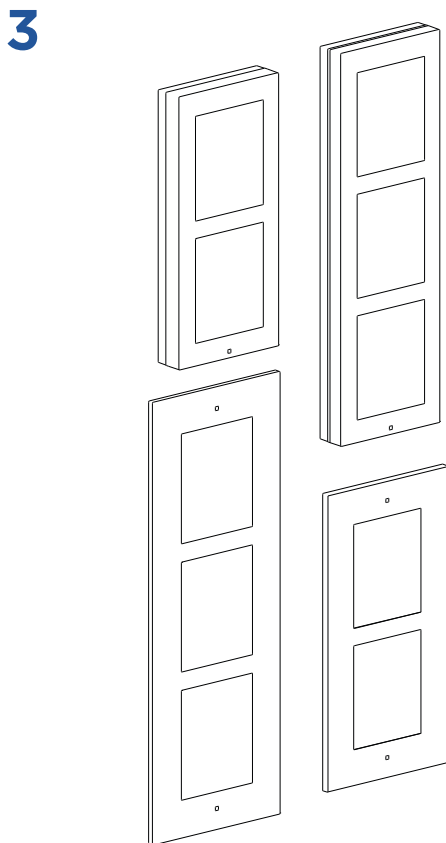
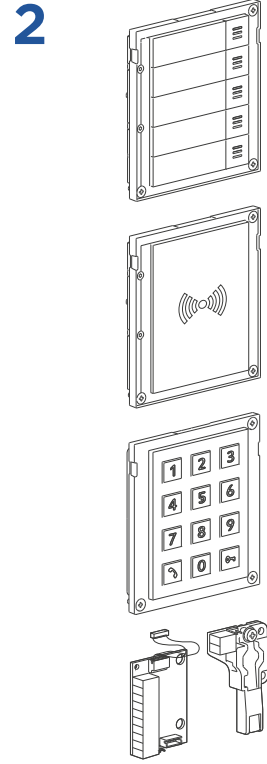
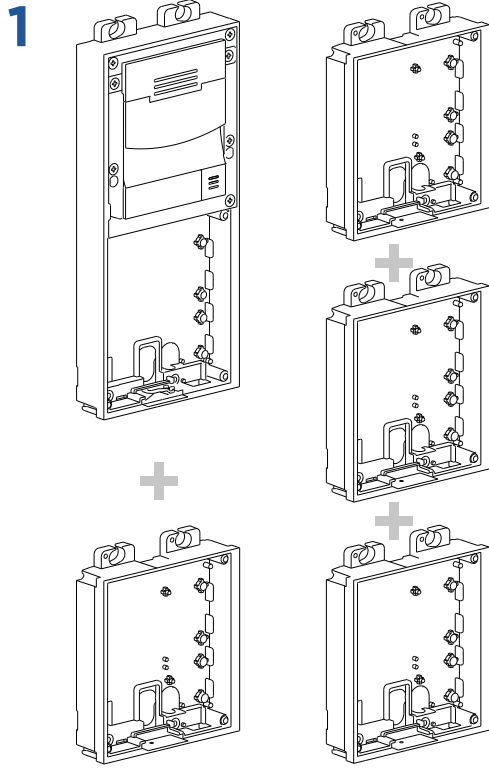
2N® Network Scanner - application for detecting 2N IP intercoms and access control units on the network

2N® 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.



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



Bluetooth module
9155046



Touchscreen
9155036



Blind module
9155039



Wiegand module
9155037



Tamper switch
9155038



I/O Module
9155034

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
Nametag 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