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.

Offices and office buildings	State administration public buildings
Residential complexes	
Family houses	Home Automation
Schools and campuses	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.

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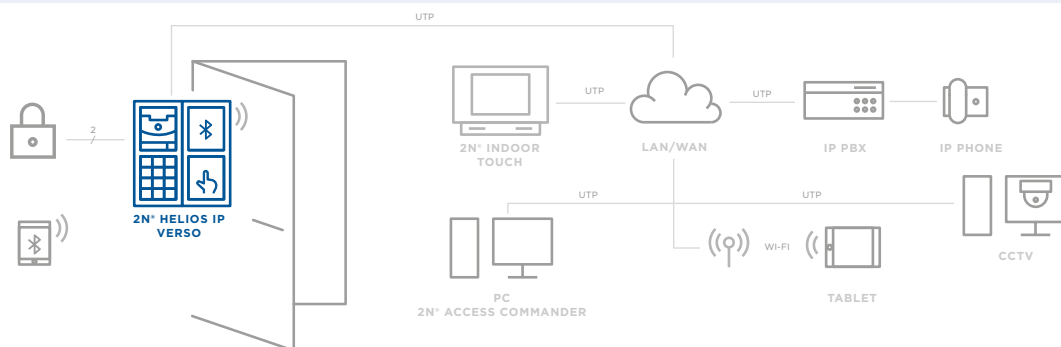
Picture to email
2N® Helios IP Verso allows you to email snapshots of the visitor captured by the camera at the time of the call.

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

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

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

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
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.

2N® Helios IP Mobile – an application that displays the image from the intercom camera on your mobile device display.
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
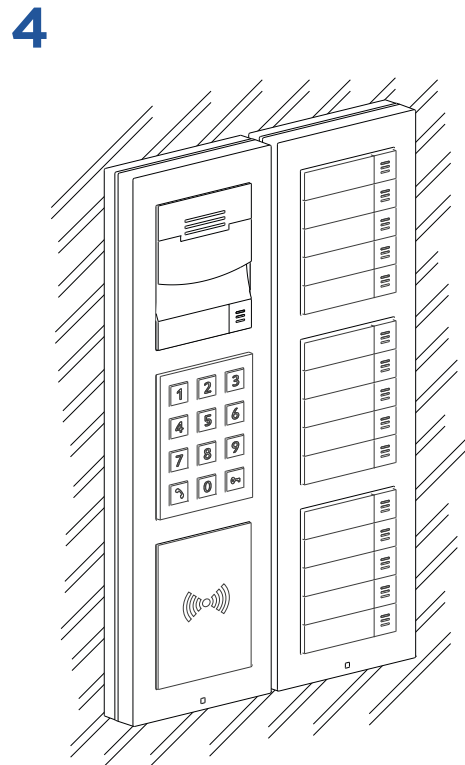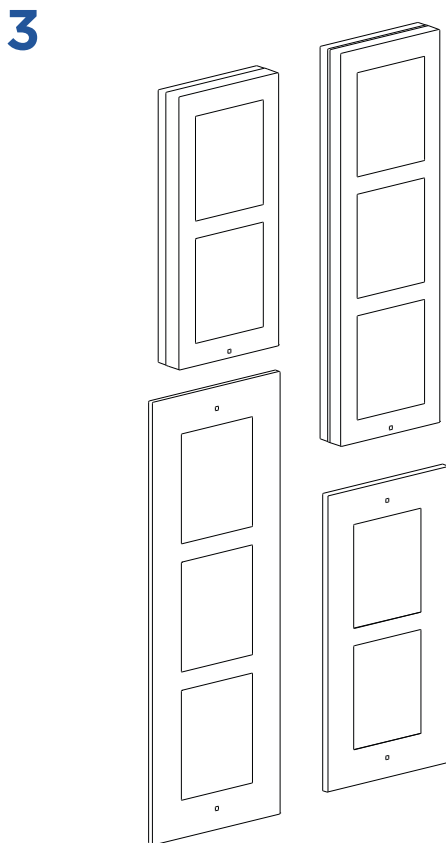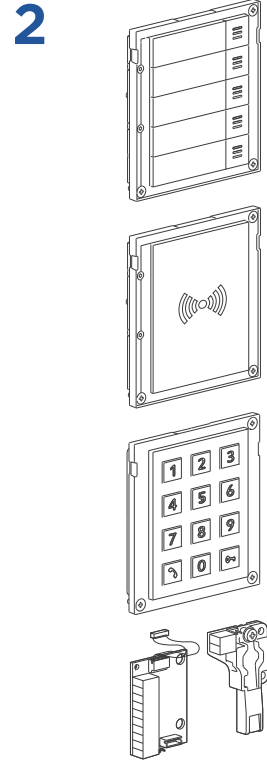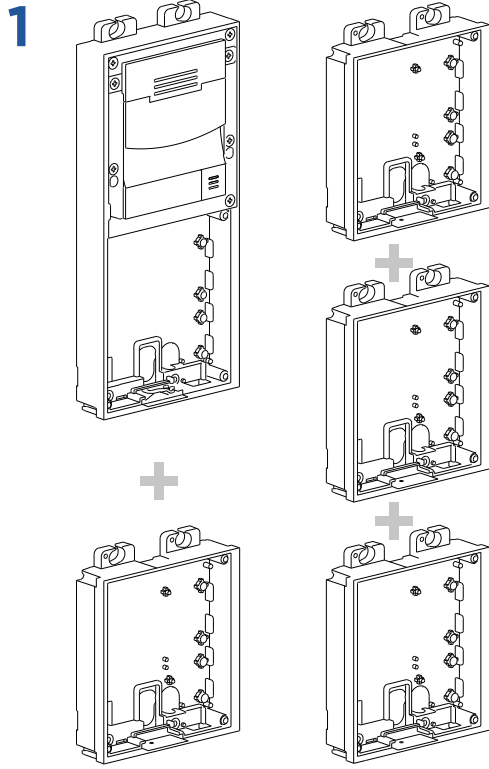**2N® Network Scanner** – application for detecting 2N IP intercoms and access control units on the network
2N® Mobile Key – an application that turns your mobile phone into an access card

Modularity

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

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Modularity

Main unit with camera	Main unit without camera	Infopanel	5 buttons	RFID card reader 125 kHz	RFID card reader 13,56 MHz
9155101C	9155101	9155030	9155035	9155032	9155033
RFID card reader 13,56 MHz NFC	Secure RFID card reader 13.56 MHz with NFC	Induction loop	Keypad	Bluetooth module	Touchscreen
9155040	9155042	9155041	9155031	9155046	9155036
Blind module	Wiegand module	Tamper switch	I/O Module		
9155039	9155037	9155038	9155034		

Flush installation 1 module	Flush installation 2 modules	Flush installation 3 modules	Surface installation 1 module	Surface installation 2 modules	Surface installation 3 modules
9155011	9155012	9155013	9155021	9155022	9155023

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