



## 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  
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.

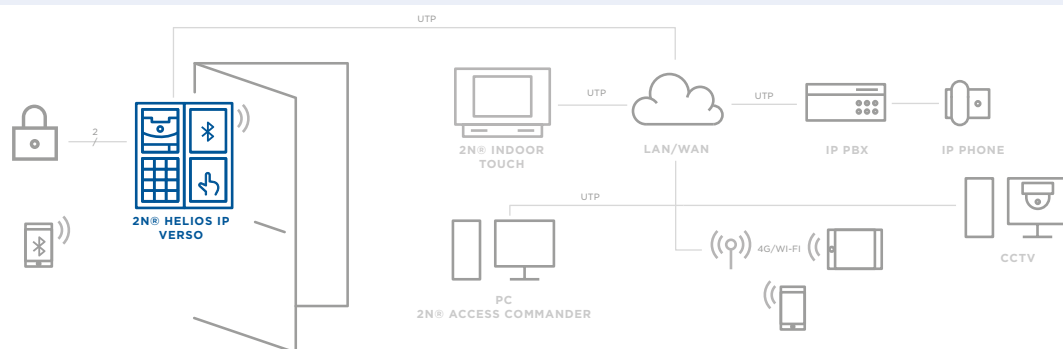
### Picture to email

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	
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### 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](http://www.2n.cz) for details.

## SOFTWARE

**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

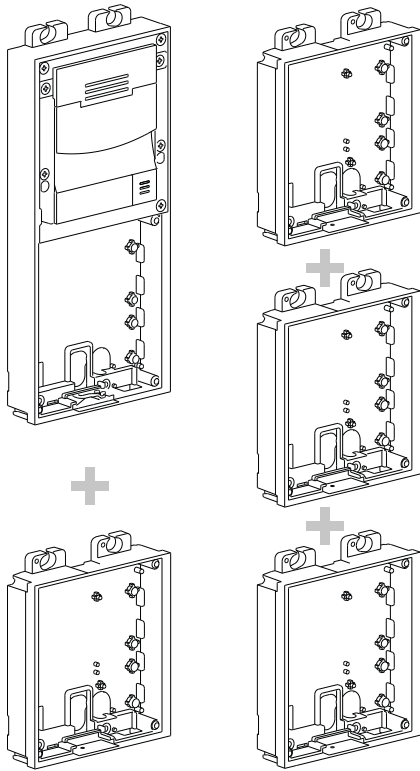
**2N® Mobile Key** - an application that turns your mobile phone into an access card

# Modularity

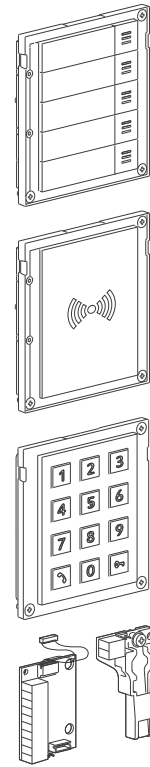
MODULARITY CLARIFIED

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

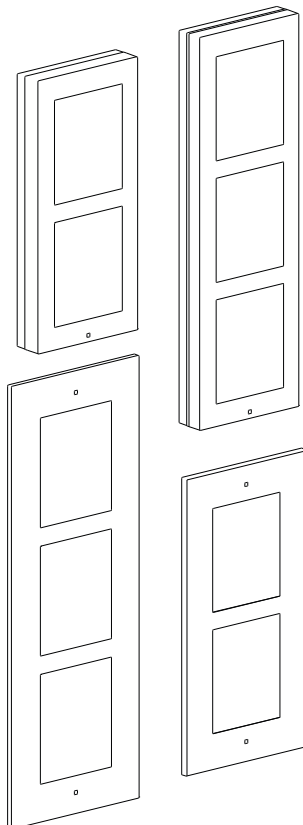
1



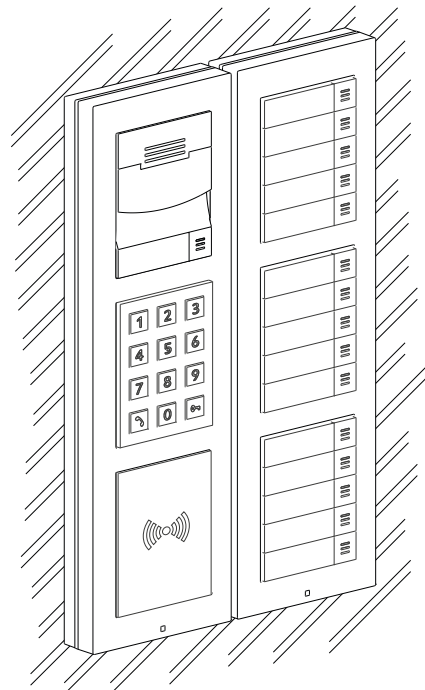
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3



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



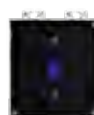
Secure RFID card reader  
13.56 MHz with NFC  
9155042



Induction loop  
9155041



Keypad  
9155031



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