

2N® LTE Verso 2N Intercoms



2N® LTE Verso

2N® LTE Verso combines minimum installation costs with a full feature set. Using LTE technology means no other cable apart from a power supply is needed, with a benefit of all advanced functionalities such as a video communication. The main unit with HD camera can be accompanied by RFID, Bluetooth or biometrics supporting modules.



Suitable For

Small office-home office

Office building

Ideal retrofit solution

Thanks to LTE connection 2N® LTE Verso is not depending on available wiring and answering units. Together with 2N® Mobile Video service it offers full range of features like video calls to mobile devices and 2N answering units just like wired intercom.

Secure configuration via cloud

Connect 2N® LTE Verso to the LTE network and then use 2N® Mobile Video service on My2N.com to configure all its features from anywhere in the world via secured VPN connection.

Pick any of the 14 modules available

2N® LTE Verso is using a standard BUS and therefore it can be connected to any of the additional modules, e.g. RFID, Bluetooth or biometrics. Choose a module with technology that suits you the most.



2N® LTE Verso

FEATURES & BENEFITS

MINIMUM INSTALLATION COSTS

The LTE intercom doesn't need any cables and therefore it's an ideal solution for retrofit in older buildings where addition wiring installation would be uneconomical.

MODULARITY

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

MOBILE CREDENTIALS ARE FOR FREE

Unlike our competitors, 2N offers mobile credentials via Bluetooth for free. Don't pay 6-10USD per each credential or any other fees. Simply install 2N® Mobile Key app and start to use your phone to open the door!

CALLS TO MOBILE PHONE AND TABLET

2N® LTE Verso allows you to call a mobile phone or tablet over the cellular data in case, that even these mobile devices are connected to the Internet.

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.

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.

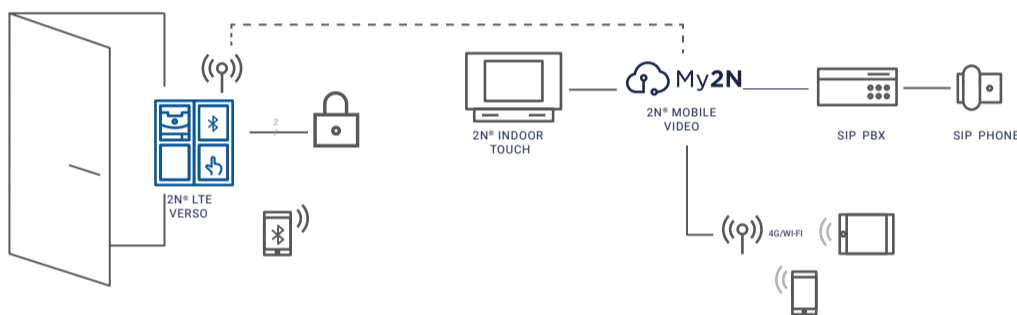
PICTURE TO EMAIL

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

ACCESS CONTROL

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

DIAGRAM



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

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

Interfaces

Power supply: 12V ± 15%/ 2A DC
 Network connection: LTE FDD Cat.1, 3GPP release 9 compliant
 4G Bands (MHz): B1(2100), B3(1800), B7(2600), B8(900), B20(800)
 Output power - Class 3 (0.2 W, 23 dBm) @ LTE
 Switch output: NC/NO contacts, max 30 V/1 A AC/DC
 Connection speed: Uplink up to 5 Mbps
 Downlink up to 10 Mbps
 Active switch output: 8 to 12 V DC depending on power supply (source voltage minus 2 V), max 400mA

Mechanical properties

Operating temperature: -40°C - 60°C, touch display -20°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.

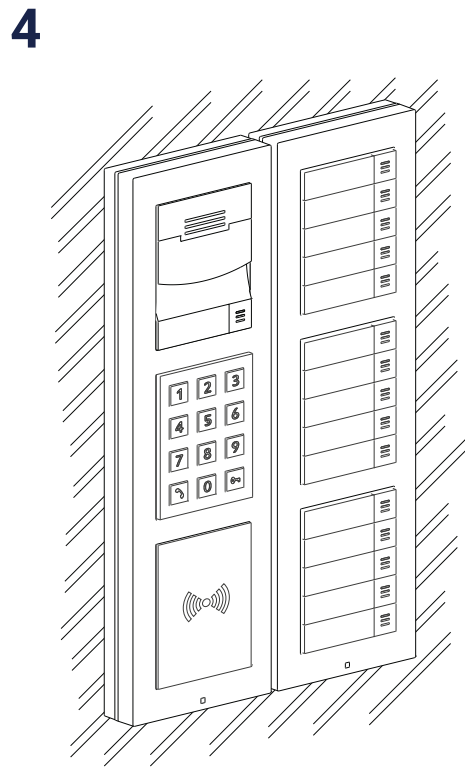
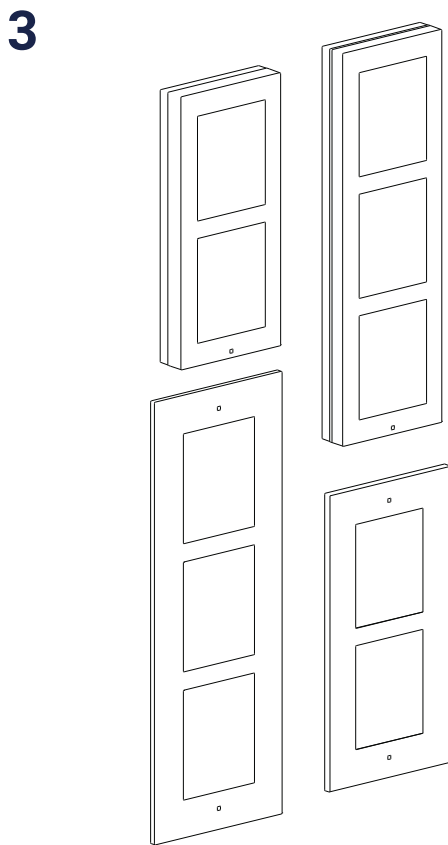
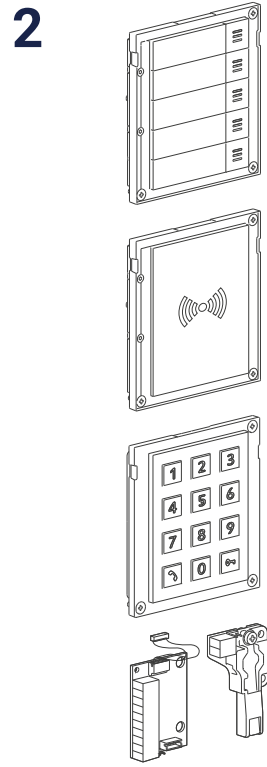
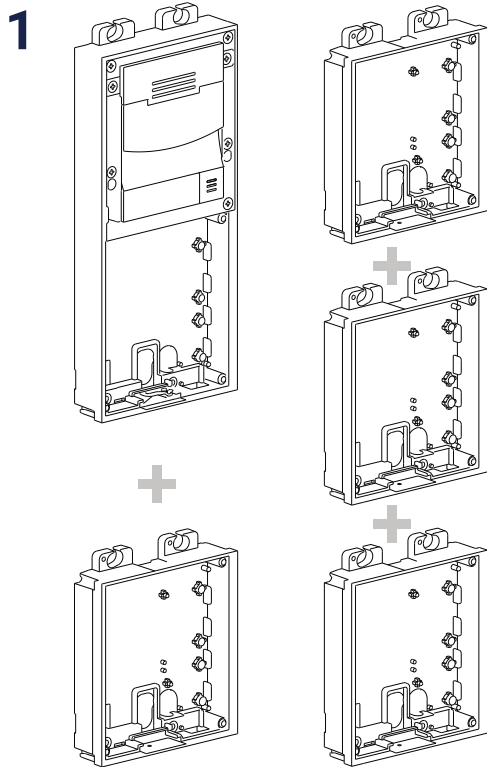
SOFTWARE

- 2N® Mobile Key** - an application that turns your mobile phone into an access card
- 2N® Mobile Video** - mobile application providing video calls from the intercom to your mobile device

Modularity

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

MODULARITY CLARIFIED



Modularity

MODULES

Main unit with camera and internal LTE*	Infopanel	5 buttons	Touch Keypad & RFID Reader 125 kHz, 13.56 MHz, NFC	Bluetooth & RFID Reader 125 kHz, 13.56 MHz, NFC
9155401CB-E 9155401C-E	9155030	9155035	9155081 9155083 (secure)	9155082 9155082 (secure)
RFID card reader 13,56 MHz	RFID card reader 13,56 MHz NFC	Fingerprint reader	Keypad	Bluetooth Reader
9155033 9155032	9155040 9155042 (secure)	9155045	9155031B 9155031	9155046
Touch Keypad	Induction loop	Blind Panel	Wiegand	Tamper switch
9155047	9155041	9155039	9155037	9155038
I/O				
9155034				

FRAMES

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

● Black version
● Nickel version

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

External antenna

External LTE antenna	9155048
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