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.

Villas	Family houses
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.

My2N

2N® LTE Verso

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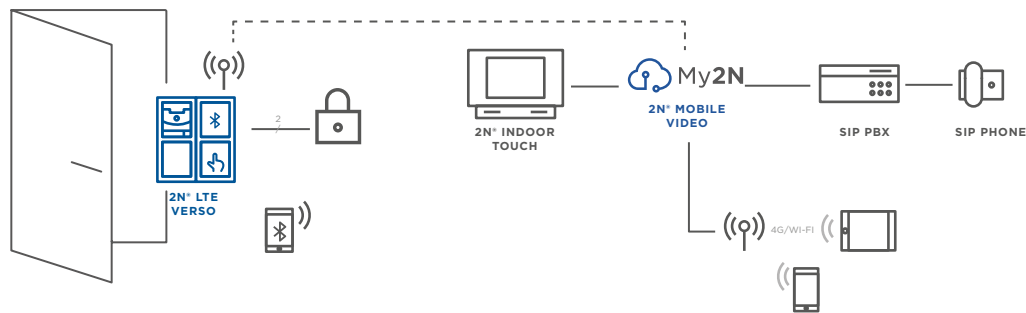
PICTURE TO EMAIL
2N® LTE Verso allows you to email snapshots of the visitor captured by the camera at the time of the call..

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.

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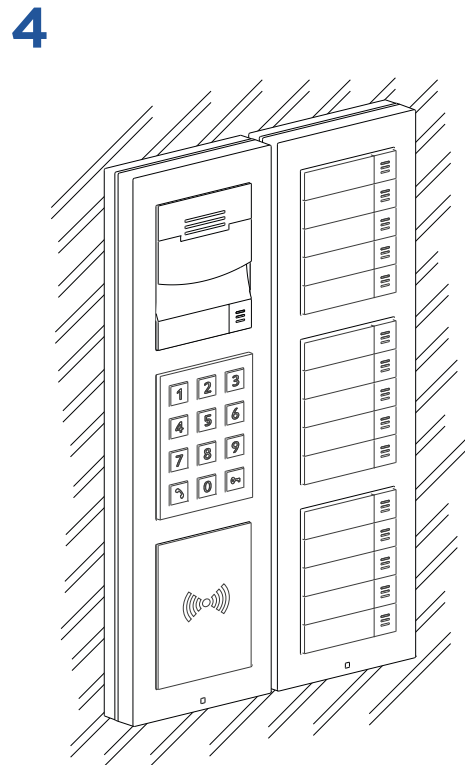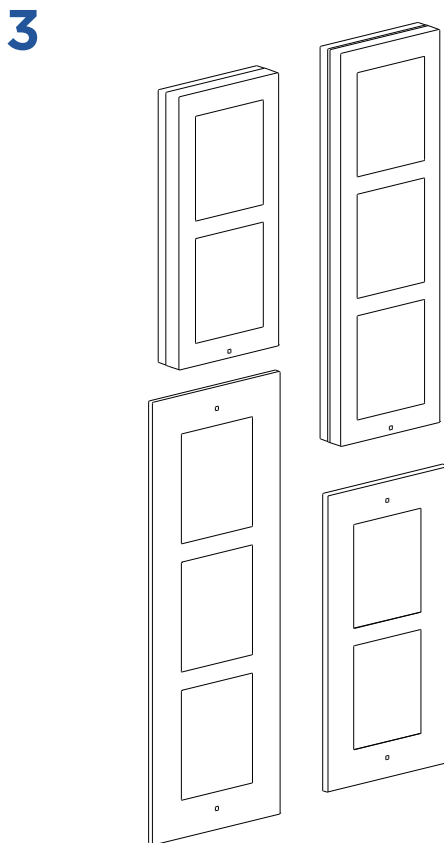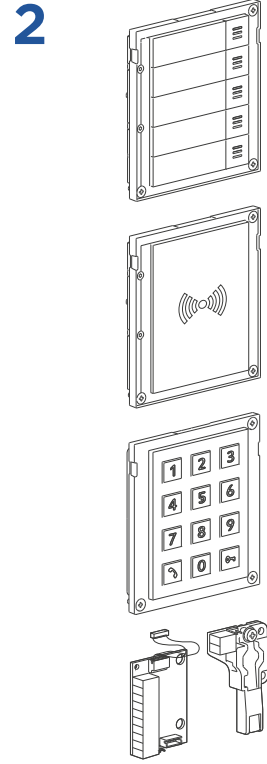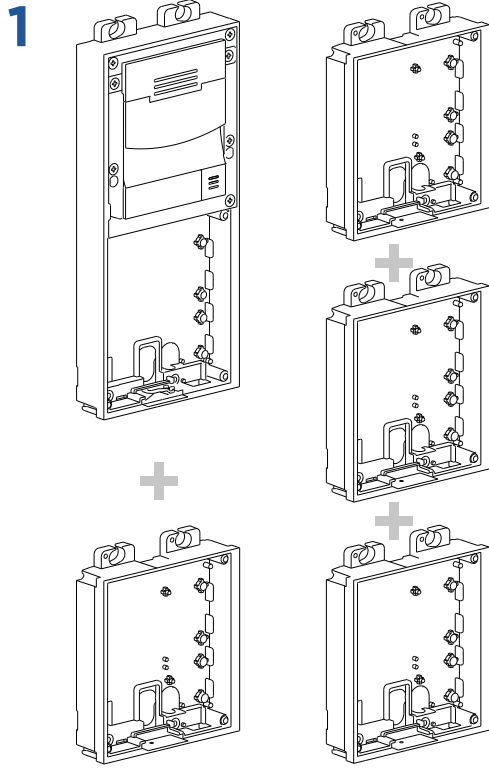Dimensions depend on configuration of the modules and installation type – see www.2n.cz for details.

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.

1

2

3

4

Modularity

Main unit with camera and internal LTE*
9155401CB-E
9155401C-E

Infopanel
9155030

5 buttons
9155035

Touch Keypad & RFID Reader 125 kHz, 13.56 MHz, NFC
9155081
9155083 (secure)

Bluetooth & RFID Reader 125 kHz, 13.56 MHz, NFC
9155082
9155082 (secure)

RFID card reader 13,56 MHz 125 kHz
9155033
9155032

RFID card reader 13,56 MHz NFC
91550942
9155042 (secure)

Fingerprint reader
9155045

Keypad
9155031B
9155031

Bluetooth Reader
9155046

Touchscreen
9155036

Touch Keypad
9155047

Induction loop
9155041

Blind Panel
9155039

Wiegand
9155037

Tamper switch
9155038

I/O
9155034

Flush installation 1 module
9155011B
9155011

Flush installation 2 modules
9155012B
9155012

Flush installation 3 modules
9155013B
9155013

Surface installation 1 module
9155021B
9155021

Surface installation 2 modules
9155022B
9155022

Surface installation 3 modules
9155023B
9155023

● Black version
● Nickel version

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