



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
Small office-home office

Family houses
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.

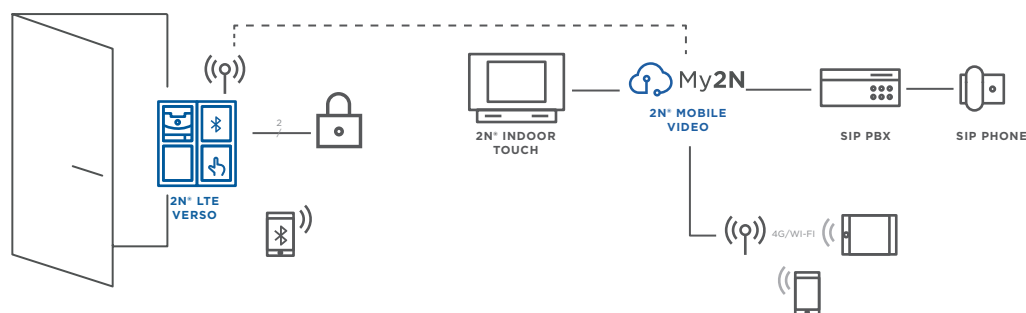
PICTURE TO EMAIL

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



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
--------	--------------------------------

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

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 -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 Key - an application that turns your mobile phone into an access card

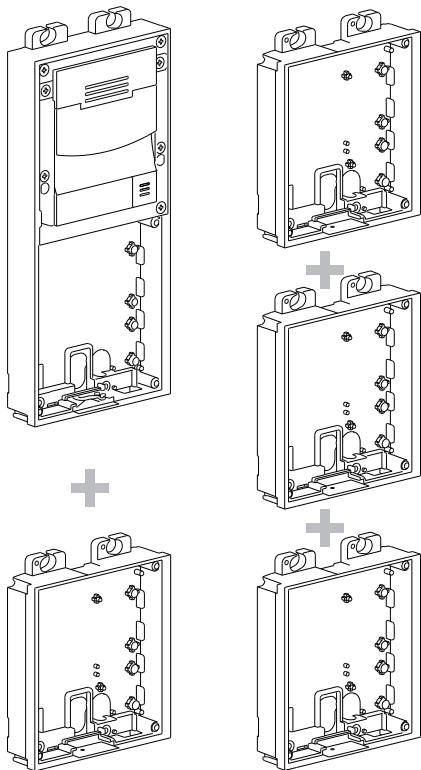
2N® Mobile Video - mobile application providing video calls from the intercom to your mobile device

Modularity

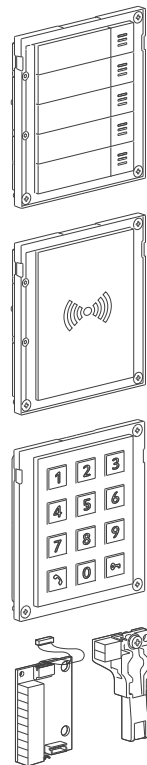
MODULARITY CLARIFIED

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

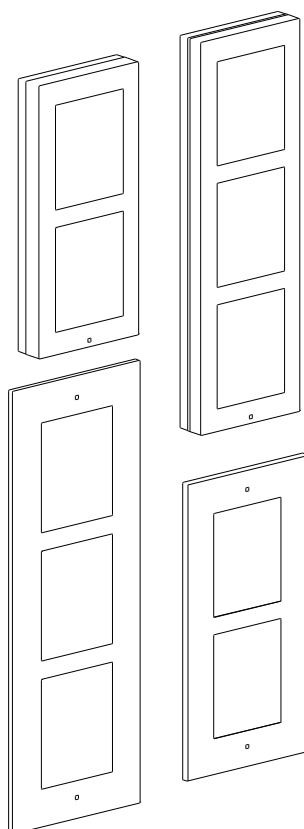
1



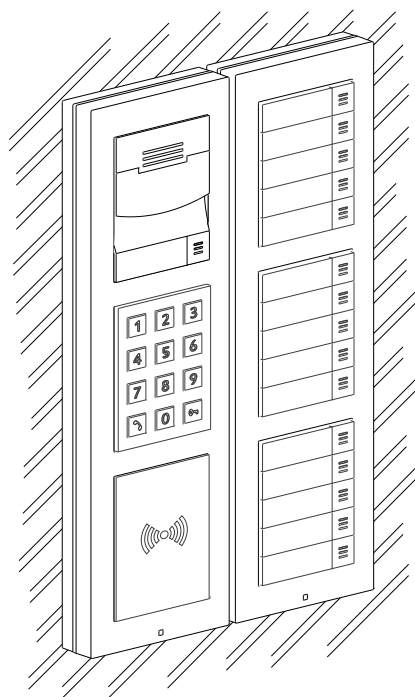
2



3

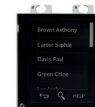


4



Modularity

MODULES

					
Main unit with camera and internal LTE*					
9155401CB-E 9155401C-E					
					
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					
					
Fingerprint reader					
9155045					
					
Keypad					
9155031B 9155031					
					
Bluetooth					
9155046					
					
Touchscreen					
9155036					
					
Touch Keypad					
9155047					
					
Induction loop					
9155041					
					
Blind					
9155039					
					
Wiegand					
9155037					
					
Tamper switch					
9155038					
					
I/O					
9155034					

2N LTE Verso is supplied with an internal antenna, which is fitted in the module position under the main unit. In case you want to use a different module in this position, an external antenna (9155048) is needed.

FRAMES

					
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

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
----------------------	---------