

2N® LTE VERSO

WORLD'S FIRST LTE INTERCOM

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 functionalities such as a video communication. The main unit with HD camera can be accompanied by RFID reader, Bluetooth or Fingerprint reader supporting modules.



- **Ideal retrofit solution**
- **Secure configuration via cloud**
- **Pick any of the 14 modules available**
- **Effective upgrade to video intercom**
- **Minimum installation costs**
- **Calls to mobile phone and tablet**

VARIANTS



Main unit with camera,
EU LTE

9155401C-E (nickel)
9155401CB-E (black)



Main unit with camera,
US LTE

9155401C-U1 (nickel)
9155401CB-U1 (black)

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.722, G.729, L16/16kHz
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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
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Bluetooth module (optional)

Bluetooth Smart technology	
Security	RSA-1024 and AES-128

Touchscreen (optional)

Buttons and keyboard functions

RFID card reader (optional)

Supported frequencies	13.56MHz and 125kHz
Support for NFC	Yes, HCE and the 2N® Mobile Key application needed

Interfaces

Power supply	12V/2A DC
Network connection	EU Bands (MHz): B1(2100), B3(1800), B7(2600), B8(900), B20(800)
	US Bands (MHz): B2(1900), B4(AWS1700), B5(850), B12/B13(700)

output power - Class 3
(0.2W, 23dBm) @ LTE

Typical data use
30MB/month plus 4MB/call minute
(additional services may increase data use)
for calculation details see faq.2n.cz

Switch output	NC/NO contacts, max 30 V/1 A AC/DC
Active switch output	8 to 12 V DC depending on power supply (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 -20°C - 60°C
Storage temperature	-40°C - 70°C
Operating relative humidity	10%-95% (non-condensing)
Coverage level	IP54, IK08, touch display IK07

Surface mounting frame - dimensions

1 module	107 (W) x 130 (H) x 28 (D) mm
2 modules	107 (W) x 234 (H) x 28 (D) mm
3 modules	107 (W) x 339 (H) x 28 (D) mm

Flush mounting frame - dimensions

1 module	130 (W) x 153 (H) x 5 (D) mm
2 modules	130 (W) x 257 (H) x 5 (D) mm
3 modules	130 (W) x 361 (H) x 5 (D) mm

Flush mounting box (minimum hole dimensions)

1 module	108 (W) x 131 (H) x 45 (D) mm
2 modules	108 (W) x 238 (H) x 45 (D) mm
3 modules	108 (W) x 343 (H) x 45 (D) mm

Dimensions

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