2N® IP Vario combines a sleek, stainless steel design with advanced technology. This variable intercom offers a range of functions for communication with visitors, Access Control and video surveillance. Its many add-ins, such as a display, card reader or keypad ensures a wide range of uses.

**Display with phone book**
Take advantage of the graphics display, instead of the large panel of buttons. The person called can be easily found in the well-arranged phone book.

**Adjustable camera**
Watch what’s going on in front of the intercom thanks to the unobtrusive camera. Set the angle according to your needs.

**Access control**
With 2N® IP Vario you can simply prevent the entry of unauthorized persons and achieve a greater level of security for all those at its location.

- Offices and office buildings
- Residential complexes
- Family houses
- Schools and campuses
- State administration
- Public buildings
- Home Automation
**Buttons with lifetime warranty**
The buttons on the 2N® IP Vario have an unlimited lifespan and do not require any maintenance.

**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.

**Compact design**
2N® IP Vario allows you to combine the screen, buttons, keyboard, card reader and camera in one device.

**Security relay**
This simple additional device prevents intrusion by detecting any unauthorized manipulation of the electronic lock system.

**Picture to email**
2N® IP Vario 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.

**External camera**
Simply connect an external IP camera to the intercom to cover all the blind spots.

**2N® Remote Configuration**
Save time and money for onsite support thanks to our free service. Access all your devices remotely via secured cloud connection. Fastest response to your customers requests.

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**Signalling protocol**
SIP 2.0 (RFC - 3261)

**Buttons**
- Button format: stainless steel
- Number of buttons: 1, 3, 6 or up to 54 with extension modules
- Numeric keypad: Optional

**Audio**
- Full-duplex (AEC)
- Sound pressure at 1 kHz at 1 m distance: 61.5 dB

**Audio stream**
- Codecs: G.711, G.722, G.729, L16/16kHz

**Camera (optional)**
- Resolution SD camera: 640 x 480
- Viewing angle: 55° (H), 39° (V)
- Night vision: No

**Video stream**
- Codecs: H.263+, H.263, H.264, MJPEG

**Interfaces**
- Power supply: 12V ± 15% / 2A DC, or PoE
- PoE: PoE 802.3af (Class 0 - 12.95W)
- LAN: Screw-in connector, 10/100BASE-TX with Auto-MDIX
- Passive output: NC/NO contacts, max 30 V/1 A AC/DC
- Active switch output: 10 to 14 V DC depending on Power supply (PoE: 14 V; adapter: source voltage), max 700 mA
- RFID card reader: EM4100, EM4102, HID Prox
- Supported protocols: SIP2.0, DHCP opt. 66, ONVIF, SMTP, 802.1x, RTSP, RTP, TFTP, HTTP, HTTPS, Syslog

**Mechanical properties**
- Weight: max. 500 g
- Operating temperature: -20°C - 55°C
- Storage temperature: -40°C - 70°C
- Operating relative humidity: 10%-95% (non-condensing)
- Coverage: IP53 when using the roof/IP50 without roof

**Dimensions**
- 210x100x29 mm