2N® IP Vario

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.
**2N® IP Vario**

### Features & Benefits

**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.

### Technical Parameters

**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: 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 125 kHz cards: 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

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**SOFTWARE**

**2N® Access Commander** – software to manage 2N IP Intercoms and access units

**2N® IP Eye** – an application that enriches your desk phone with video from the intercom camera

**2N® Network Scanner** – application for detecting 2N IP Intercoms and access control units on the network

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