

2N® IP Vario 2N IP Intercoms



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.



Suitable For

Offices and office buildings
Residential complexes

State administration public buildings
Schools and campuses

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.

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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.

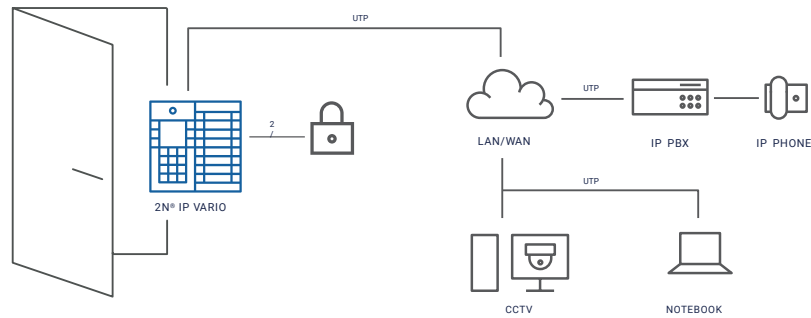
External camera

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

Calls to mobile and tablet

2N® IP Vario will also allow you to call a mobile phone or tablet, over the local network via wi-fi or over cellular data.

DIAGRAM



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
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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
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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	
Supported 125 kHz cards	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
Operating temperature	-40°C – 70°C
Operating relative humidity	10%-95% (non-condensing)
Coverage	IP53 when using the roof IP50 without roof

Dimensions

210x100x29 mm

SOFTWARE

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