2N® Helios IP Vario

2N® Helios 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. In addition, thanks to the many add-ins, such as the display, card reader or keyboard it will find a wide range of uses.

Offices and office buildings	State administration
Residential complexes	public buildings
Family houses Schools	Home Automation
and campuses	

Display with phone book
Take advantage of the graphics display, instead of the large panel of buttons. The person called can easy be found in an easy to read 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.

Unlimited lifetime buttons
Make use of the buttons on the 2N® Helios IP Vario. They have an unlimited lifespan and do not require any maintenance.

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SIP support with no server needed
Thanks to SIP protocol support the intercom can link easily with IP phones and PBX from other producers, without having to connect to the server.

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

Security relay
This simple additional device prevents manipulation with the lock, preventing unauthorized intrusion.

Picture to email
2N® Helios 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
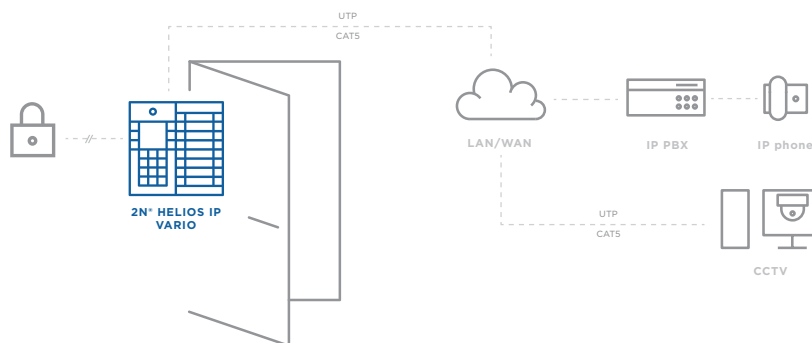Simply connect an external IP camera to the intercom to cover all the blind spots.

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

Expansion modules
Thanks to the extenders you can easily increase the number of hotkey buttons up to 54 or add a backlit dashboard.

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	
Supported 125 kHz cards	EM4100, EM4102, HID Prox

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

2N® Access Commander – software to manage 2N IP intercoms and access units
2N® Helios 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® Helios IP Mobile – an application that displays the image from the intercom camera on your mobile device display