



2N® Helios IP Solo

A compact IP intercom that would be a great addition to your smart home entrance. Despite that it has only one fitted button, it can astonish by hidden HD camera, multiple functionalities including calls to your smart phone, and easy integration into the existing home automation system.



Villas
Smart Houses

Home Automation
Small office-home office

Makes the entrance part of any Smart Home

2N® Helios IP Solo offers a combination of video calls and door control for your smart home. The integration is easy due to open API.

Sharp video day and night

The hidden camera guarantees a sharp video of the visitor even at night thanks to its high resolution settings and infra red backlight.

Stylish and durable

The brushed zinc gives the intercom a luxury appearance, but don't be mistaken, all components are manufactured from the industrial high-grade materials to ensure its durability.

2N® Helios IP Solo

FEATURES & BENEFITS

Camera with night vision

See who is standing in front of your door, even in total darkness. Moreover, the camera is hidden from normal view. The intruder has no clue they're being monitored.

Easy integration into the home automation system

Easily link the intercom to the existing home automation system via open API.

Picture to email

2N® Helios IP Solo allows you to email snapshots of the visitor captured by the camera at the time of the call.

Both surface and flush mounted installations

Choose from two intercom installations according to what might suit better to your entrance.

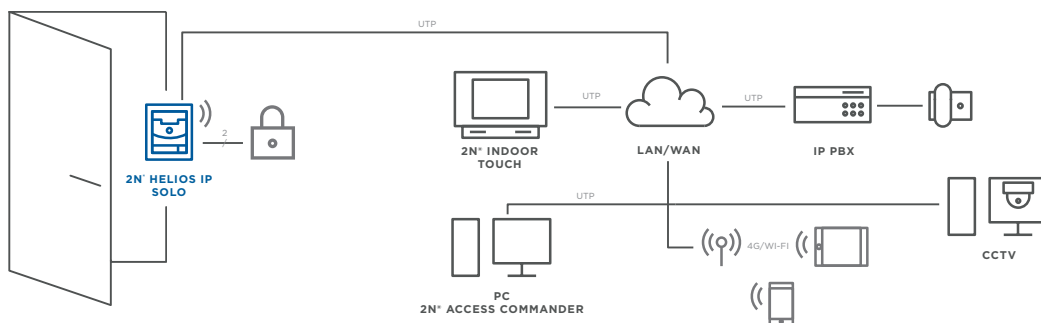
External camera

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

Calls to mobile phone or tablet

2N® Helios IP Solo 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

Buttons: Transparent buttons with white backlight and easily removable label
 Number of buttons: 1

Audio

Microphone: 1 built-in microphone
 Speaker: 2W
 Sound pressure at 1 kHz: 78 dB at 1 m distance

Audio stream

Codecs: G.711, G.722, G.729, L16/16kHz

Camera (optional)

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

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
 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 - expected value, hasn't been confirmed yet
 Storage temperature: -40°C - 70°C - expected value, hasn't been confirmed yet
 Operating relative humidity: 10%-95% (non-condensing) - expected value, hasn't been confirmed yet
 Officially certified: IP54, IK08 - expected value, hasn't been confirmed yet

Dimensions

Frame for surface installation 1 module: 107x130x28mm
 Frame for flush installation 1 module: 130x153x5mm

SOFTWARE

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® Mobile Video - mobile application providing video calls from the intercom to your mobile device