



## 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.

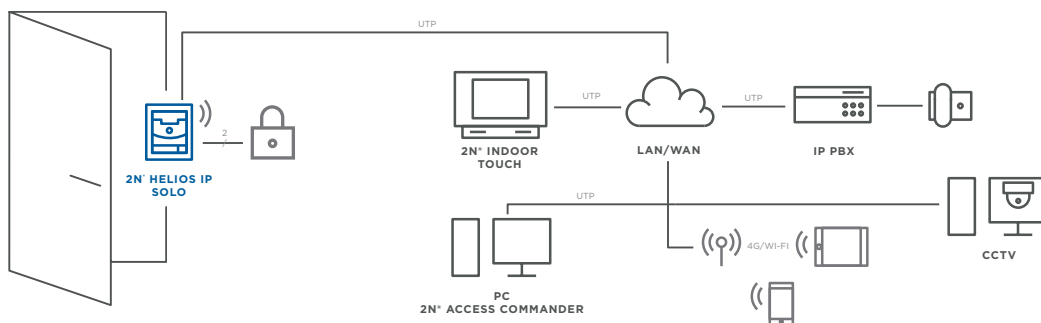
### External camera

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