2N® 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.

**Makes the entrance part of any Smart Home**

2N® 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® IP Solo

**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® 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.

**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.

### Signalling protocol
SIP 2.0 (RFC - 3261)

### 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
- 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.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
- Storage temperature: -40°C – 70°C
- Operating relative humidity: 10%-95% (non-condensing)
- Officially certified outdoor coverage level: IP54, IK08

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

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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