



2N® Helios IP Force

2N® Helios IP Force is an extremely resistant IP intercom that can withstand even the most demanding conditions. Allows not only communication with visitors, but also monitoring and access security. Take advantage of its superior features and achieve maximum site security.



Logistics and transport
Offices
Industrial zones
Schools and campuses

State administration
public buildings
Airport and parking

The toughest IP intercom

Combine vandal-proofing with elegant design. High durability guarantees the highest coverage on the market according to the IP69K standard and IK10 certificate.

Wide-angle HD camera

Monitor events around the intercom with the integrated HD camera. Picks up an image 135° wide and also has a night vision mode.

Robust Access Control

Achieve a greater level of security for all the people on site. Control access using the reader, a keyboard, or the integrated camera.

2N® Helios IP Force

FEATURES & BENEFITS

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.

Security relay

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

Picture to email

2N® Helios IP Force 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.

Calls to mobile and tablet

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

Integration into CCTV & VMS

2N® Helios IP Force can easily be integrated with your existing CCTV or surveillance system.

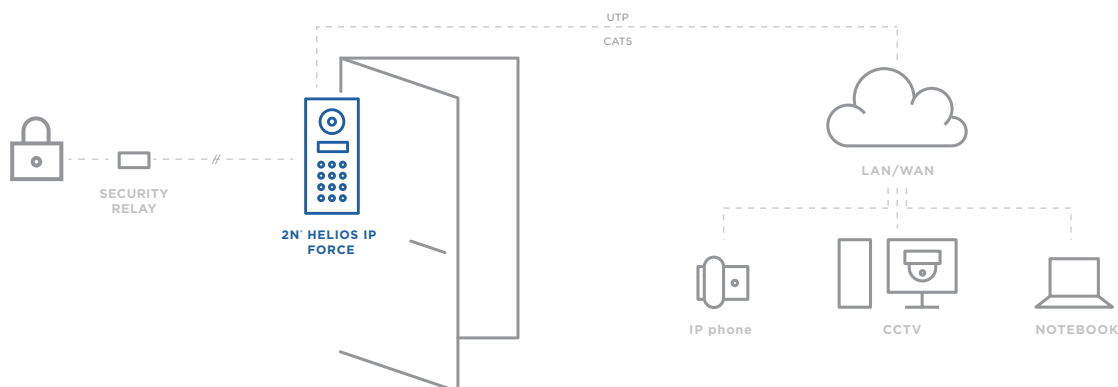
Tamper switch

2N IP intercom can be fitted with a tamper switch that detects unauthorized device intrusions.

Time profiles

Thanks to this function you can define in what period of time the phone number, RFID card or access code is valid.

DIAGRAM



TECHNICAL PARAMETERS

Signalling protocol

SIP 2.0 (RFC - 3261)

Buttons

| | |
|-------------------|---------------------------------------------------------------------|
| Button format | transparent buttons with white backlight and easily removable label |
| Number of buttons | 1, 2 or 4 |
| Numeric keypad | Optional |

Audio

| | |
|-----------------------------------------|------------------------|
| Microphone | 2 built-in microphones |
| Speaker | 10W |
| Sound pressure at 1 kHz at 1 m distance | 94 dB (10 W speaker) |

Audio stream

| | |
|--------|--------------------------------|
| Codecs | G.711, G.729, G.722, L16/16kHz |
|--------|--------------------------------|

Camera (optional)

| | |
|------------------------|--------------------|
| Resolution - HD camera | 1280 x 960 |
| Resolution - SD camera | 640 x 480 |
| Viewing angle | 135° (H), 109° (V) |
| Night vision | Yes (optional) |

Video stream

| | |
|--------|-------------------------------------|
| Codecs | H.263+, H.263, H.264, MJPEG, MPEG-4 |
|--------|-------------------------------------|

RFID card reader

| | |
|------------------|----------------------------------------------------|
| RFID card reader | 13.56MHz a 125kHz |
| Support for NFC | Yes, HCE and the 2N® Mobile Key application needed |

Interfaces

| | |
|----------------------|--------------------------------------------------------------------------------------------------|
| Power supply | 12V ± 15%/ 2A DC, or PoE |
| PoE | PoE 802.3af (Class 0 - 12.95W) |
| LAN | 10/100BASE-TX with Auto-MDIX function |
| Passive switch | NC/NO contacts, max 30 V/1 A AC/DC |
| Active switch output | 9 to 13 V DC depending on Power supply (PoE: 9 V; adapter: source voltage minus 1 V), max 700 mA |

Mechanical properties

| | |
|-----------------------------|--------------------------|
| Weight | max. 2000 g |
| Operating temperature | -40°C - 55°C |
| Operating temperature | -40°C - 70°C |
| Operating relative humidity | 10%-95% (non-condensing) |
| Dimensions | 217x109x83 mm |
| Coverage level | IP69K |

SOFTWARE

2N® Access Commander - software to manage 2N IP intercoms and access units

2N® Helios IP Eye - software to manage 2N IP intercoms and access units

2N® Network Scanner - software to manage 2N IP intercoms and access units

2N® Helios IP Mobile - an application that displays the image from the intercom camera on your mobile device display

2N® Mobile Key - application that turns your mobile phone into an access card