



## 2N® Helios IP Force

2N® Helios IP Force is an extremely durable IP intercom that can withstand even the most demanding conditions. It provides for visitor communication monitoring and access control. Take advantage of its superior features for maximum site security.



Logistics and transport  
Offices  
Industrial zones  
Schools and campuses

State administration  
public buildings  
Airport and parking

### The toughest IP intercom

It combines an anti-vandal solution with an elegant design. High durability guarantees the highest coverage on the market according to the IP69K and IK10 standards.

### Wide-angle HD camera

Monitor events around the intercom with the integrated HD camera. It has 135° wide viewing and a night vision mode.

### Robust Access Control

Control access using the reader, keypad, or the integrated camera and achieve a greater level of security for all those on the location.

# 2N® Helios IP Force

## FEATURES & BENEFITS

### SIP support with no server needed

SIP protocol support makes it easy to link the intercom with IP phones and PBX from other producers, without having to connect to the server.

### Security relay

This simple additional device prevents intrusion by detecting any unauthorized manipulation of the electronic locking system.

### 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 can 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.

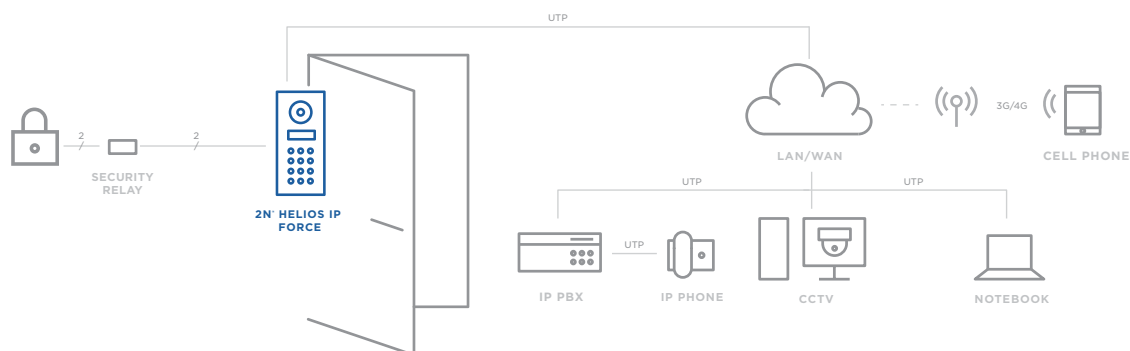
### Tamper switch

2N® Helios IP Force can be fitted with a tamper switch that detects unauthorized opening of the device itself.

### Time profiles

This function allows you to define the period of time a 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

Supported protocols SIP2.0, DHCP opt. 66, SMTP, 802.1x, RTSP, RTP, TFTP, HTTP, HTTPS, Syslog, ONVIF

### 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** - an 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