



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.

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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.

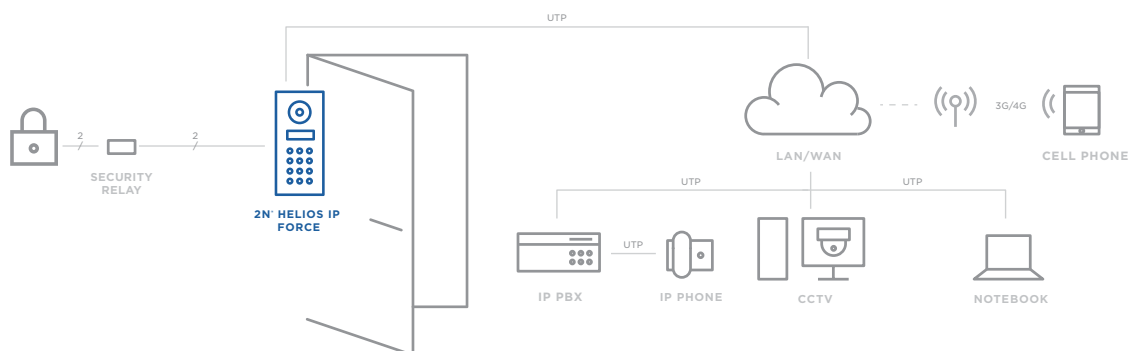
Tamper switch

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
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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
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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