



2N® IP Force

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

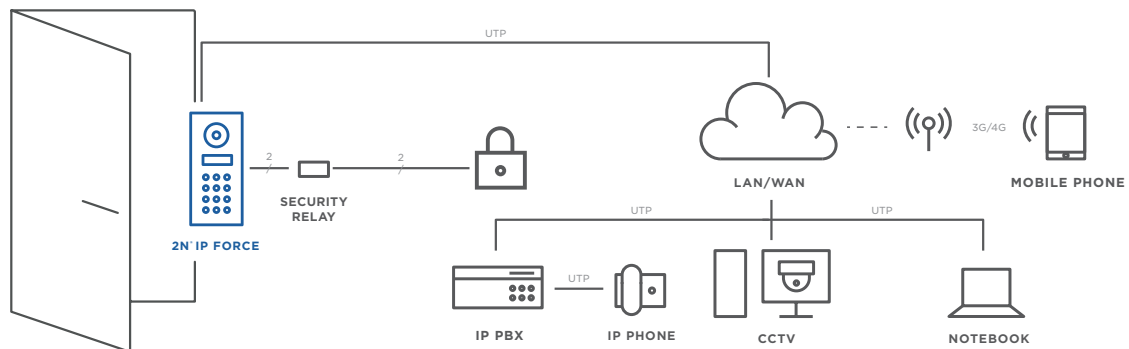
Tamper switch

This function allows you to 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 2N Access units

2N® 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® Mobile Video - mobile application providing video calls from the intercom to your mobile device

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