



## 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.

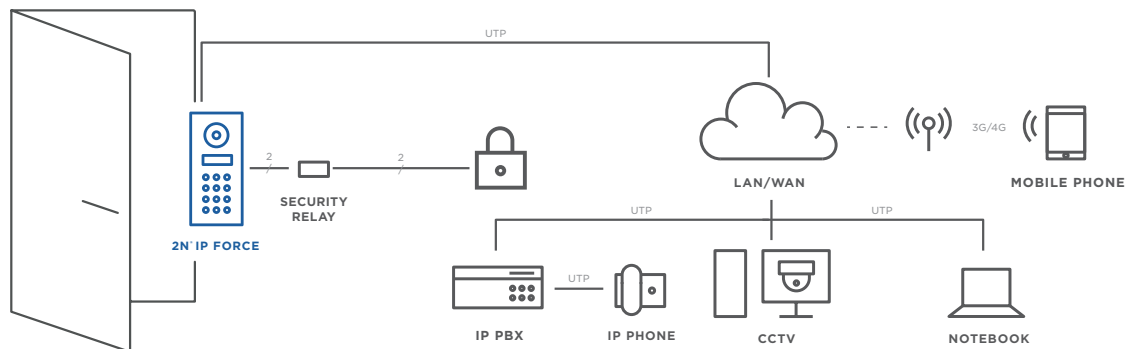
### Tamper switch

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

### 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.

## 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  
 Storage 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