2N® IP Safety
2N IP Intercoms

2N® IP Safety is a first-class security intercom designed for emergency communications. Whether drenched by rain or exposed to −40°C frost, it remains fully functional and allows you to reach help at once and its bright orange colour makes it easy to locate in poor visibility.

Communications in all conditions
Get high-quality sound even in challenging circumstances thanks to HD audio with automatic volume adjustment and IP69K and IK10 grade extreme endurance.

Always visible and functional
You can rely on the distinctive orange colouring and blue backlit buttons makes it easy to find when you need it.

Integration into your existing system
Increase the reach of emergency announcements. Thanks to its 10 W amplifier you can use 2N® IP Safety as a loudspeaker for public address.

Logistics and transport
Industrial zones
Public spaces

Schools and campuses
State administration public buildings
**2N® IP Safety**

**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.

**Tamper switch**
The 2N IP Intercom 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 is valid.

**Backlit buttons**
2N® IP Safety features 1 or 2 keys distinctively backlit in blue.

**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.

**FEATURES & BENEFITS**

**Diagram**

**Signalling protocol**
SIP 2.0 (RFC - 3261)

**Button**
- Button design: metal buttons with blue backlight or a red emergency button
- Number of buttons: 1 or 2
- Numeric keypad: No

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

**Audio stream**
- Codecs: G.711, G.729, G.722, L16/16kHz

**Interfaces**
- Power supply: 12V±15%/2A DC or PoE
- PoE: PoE 802.3af (Class 0 - 12.95W)
- LAN: 10/100BASE-TX with Auto-MDIX
- 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
- Storage temperature: -40°C - 70°C
- Operating relative humidity: 10%-95% (non-condensing)
- Dimensions: 217x109x83 mm
- Ingress Protection: IP69K

**SOFTWARE**

**2N® Access Commander** – software to manage 2N IP Intercoms and access units

**2N® Network Scanner** – an application for detecting 2N IP Intercoms and access control units on the network