2N
An Axis company

2N® IP Safety

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.

Logistics and transport	Schools and campuses
Industrial zones	State administration public
Public spaces	buildings

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.

2N® IP Safety

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.

Tamper switch
The 2N IP Intercom can be fitted with a tamper switch that detects unauthorized opening of the device itself.

Time profiles
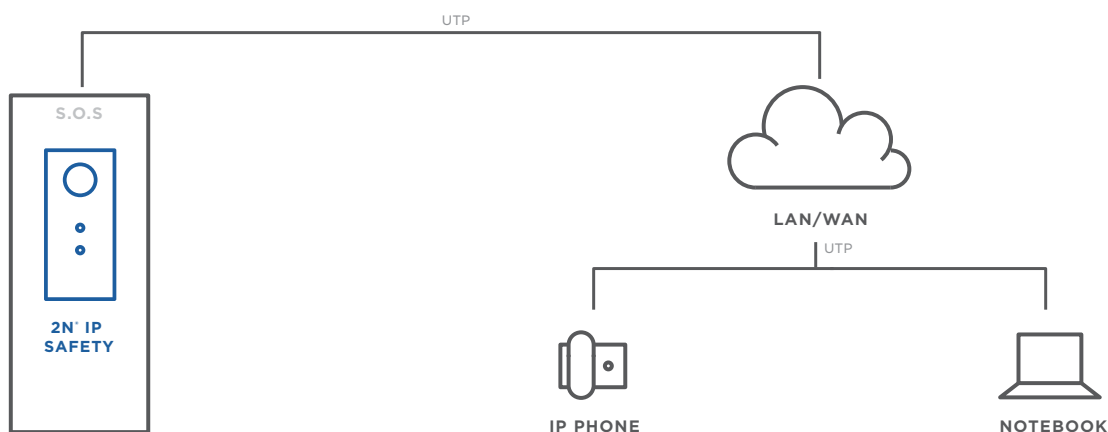This function allows you to define the period of time a phone number is valid.

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.

DIAGRAM

UTP

S.O.S

2N® IP SAFETY

LAN/WAN

UTP

IP PHONE

NOTEBOOK

TECHNICAL PARAMETERS

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