Loudspeaker

Backlit button

Two microphones

- **Voice transmission**
- **10W Loadspeaker**
- **Robust mechanical construction**
- **Full-Duplex**

Emergency calling anywhere

2N IP Safety is designed as the ideal intercom for emergency voice communication under extreme conditions. Its striking orange colour and backlit button guarantee that it cannot be overlooked and also guarantee its functionality in crisis situations and under adverse lighting conditions - in a smoke-filled environment for example.

2N IP Safety provides the highest level of protection against dust and water and mechanical damage, and it is thus also resistant to rough handling and adverse weather conditions.

2N IP Safety can also be used in very noisy environments thanks to two integrated microphones suppressing background noise and a speaker with performance of up to 10W. The powerful speaker also makes it possible to use 2N IP Safety as a loudspeaker if necessary.

Highlights:

- Maximal resistivity against dust, water, and mechanical damage
- High level of comprehensibility and high volume noisy environment
- Striking colour for easy identification under poor lighting conditions
- Backlit anti-vandal button made of stainless steel
- Integrated relay for controlling external devices
- Reliable communication under any conditions
- Simple installation and configuration
- Other elements can be added to expand the system with ease

Features:

- 2N Access Commander – management and user-administration from one location
- Remote control of switches – integrated switch (with license upgrade)
- IP Relaiy – open the door with an http command (with license upgrade)
- Tamper switch – detection of forced opening
- Time profiles – management of calls current the time and day

Satelco AG | Seestrasse 241 | CH-8804 Au/Wädenswil
Tel. +41 (0) 44 787 06 07 | Fax +41 (0) 44 787 06 08 | e-mail: satelco@satelco.ch | www.satelco.ch

1

Technical Data:	2N IP Safety
Signalling protocol	SIP 2.0 (RFC-3261)
Buttons	
Button version	Stainless, vandal resistant with backlighting
Number of buttons	1, 2 or 1 red emergency button
Power supply	
	12V ±15% / 1A DC or PoE (Power over Ethernet) PoE 802.3af (Class 0 – 12.95W)
Audio	
	Full-Duplex, echo cancellation
Mircrophone	2 integrated microphones
Loadspeaker	10 W
Audio stream	
Codecs	G.711, G.722, G.729* (*with license upgrade)
Switch contacts	
Number	1 integrated, 1 can be retroffited
Passive switch	NC/NO contacts, max 30V/1A AC/DC
Active switch output	NC/NO, 12V/700mA DC
LAN	
	10/100BASE-TX with Auto-MDIX
Mechanical properties	
Operating temperature range	-40°C – 55°C
Storage temperature range	-40°C – 70°C
Relative humidity	10% - 95% (non-condensing)
Dimensions	217 x 109 x 83 mm / 242 x 136 x 83 mm with frame
Protection level	IP69
Mounting	flush-mounting/surface-mounting/stand pillar *(in-wall housing and frame must be ordered separately)*

Satelco AG | Seestrasse 241 | CH-8804 Au/Wädenswil
Tel. +41 (0) 44 787 06 07 | Fax +41 (0) 44 787 06 08 | e-mail: satelco@satelco.ch | www.satelco.ch

2