2N® Helios IP Uni
Cost effective IP Intercom

Universal IP Intercom solution

2N® Helios IP Uni, is a SIP Intercom which provides a cost effective solution for access control and communication. It offers full-duplex audio with echo cancellation, integrated relay for door entry systems and 1 or 2 fully back-lit buttons. 2N® Helios IP Uni is ideal for schools, parking lots, shopping malls, hospitals or public buildings. It can be used as an information/emergency help point or as a door entry system.

Due to its innovative design and available accessories, 2N® Helios IP Uni will save you time needed for installation and offers you variety of mounting options such as on the wall, plasterboard or flush mount.

Features:
- Easy installation
- 1W Speaker
- 1 or 2 back-lit buttons
- Tamper switch

Benefits:
- Cost effective door IP Intercom solution
- Relay controlled by DTMF
- Stainless steel front panel
- Compatible with 2N® Helios IP Manager

Target Groups:
- Schools
- Hospitals
- Residential
- Public areas

COST effective

Features

2N® Helios IP Manager
PC application serving for administering the configuration and collective setting of all 2N® Helios IP intercoms installed on premises. It makes it possible to divide up the premises into zones, to create user groups, configure access rights, manage telephone numbers and lists etc.
Practical use:
The application saves you time on configuration, in particular in the case of extensive installations. You can manage the configuration of the entire system clearly from a single place and can synchronise changes with the push of a single button.

Fully back-lit buttons
2N® Helios IP Uni comes with one or two fully backlid buttons with nameplates that are easy replaceable.
Practical use:
Even during the night, the 2N® Helios IP Uni buttons are visible and are easy to read. Nameplates can be changed and customized according to ones needs.

Tamper switch
Switch connected with mechanics of 2N® Helios IP Uni for detection of forced opening.
Practical use:
If 2N® Helios IP Uni is installed, for example, on a motorway, you have an overview of whether someone has attacked or damaged the installed intercoms, and you can send technicians to precisely where they are needed.

Time profiles
The time profiles function makes it possible to manage calls according to the current time and day of the week.
Practical use:
During the day an emergency call can be routed to the control centre of security on the premises, and at night it can be routed directly to a police or fire station.

DTMF Switch control
The integrated switch in 2N® Helios IP Uni can be controlled by DTMF signaling during a call. All types of DTMF signalization are supported so 2N® Helios IP Uni is compatible with all systems on the market. 2N® Helios IP Uni is compatible and supports all types of DTMF signalization as in band, RTP event and SIP info.
Practical use:
If someone wants to open door during call, one can use the IP Phone keypad and enters a code to open door lock by DTMF signaling. This way only authorized users can open the door with the code which is configured in 2N® Helios IP Uni.

Technical parameters

Signalling protocol	
	SIP 2.0 (RFC - 3261)

Buttons	
Button version	fully back-lit
Number of buttons	1 or 2

Audio	
Microphone	1 integrated microphone
Speaker	1W

Audio stream	
Codecs	G.711, G.729

Interface	
Power	12V±15%/1A DC or PoE
PoE	PoE 802.3af (Class 0 - 12.95W)
LAN	10/100BASE-TX with Auto-MDIX
Passive switch	NC/NO contacts, max 30V/1A AC/DC
Active output of switch	12V/700mA DC

Mechanical properties	
Operating temperature	-40°C – 55°C
Storage temperature	-40°C – 70°C
Storage relative humidity	10% - 95% (non-condensing)
Dimensions	193x115x57 mm (max)
Protection level	IP54

2N® Helios IP Family:

2N® Helios IP Force   2N® Helios IP Safety   2N® Helios IP Vario   2N® Helios IP Uni

The 2N® Helios IP family is a wide range of door intercoms for every situation - whether in security, business, emergency, or any other special area.
From providing simple applications requiring a clear and easy connection to a single IP telephone, to comprehensive communication arrangements integrated into security and signalling systems and IP PBXs. Having the highest quality and certification, 2N ensures compatibility with industry-standard-based IP network solutions such Avaya, Cisco, and others.

CISCO Compatible   AVAYA DEVCONNECT GOLD   AASTRA Certified Member   BROADSOFT