

**IT PRODUCT 2012**  
COMPUTERWORLD

## 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:

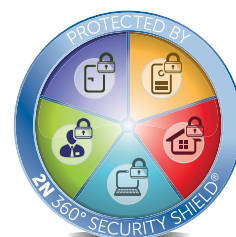
- Easy installation
- 1W Speaker
- 1 or 2 back-lit buttons
- Tamper switch

### Benefits:

- Cost effective door IP Intercom solution
- Relay controlled by DTMF
- Stainless steel front panel
- Compatible with 2N® Helios IP Manager
- Visual navigation - suitable for disabled people

### Target Groups:

- Schools
- Hospitals
- Residential
- Public areas



## 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 backlit 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%/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 30V/1A AC/DC  
Active output 8V - 12V DC/500mA

### 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 Verso



2N® Helios IP Vario



2N® Helios IP Force



2N® Helios IP Safety



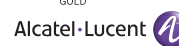
2N® Helios IP Uni

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 as Avaya, Cisco, and others.



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