



OPEN THE DOOR TO INNOVATION



Available in the UK from:



2N® HELIOS IP INTERCOM & AUDIO-OVER-IP SYSTEMS







CIE-group
A better way to buy AV.

50
YEARS OF AV
INNOVATION

CIE-Group is one of the UK's leading AV & security technology distributors, supplying professional integrators with a wide range of high quality brands and innovative audio visual technologies.

One of the latest additions to our brand portfolio - 2N Telecommunications - brings a wide range of I.P. connectivity Door Intercom and Audio-over-IP products to the UK market.

The CIE-Group / 2N partnership not only brings great products, but also guarantees unrivalled levels of pre- and post-sales system and technical support / advice.

Call us today for details on
T. 0115 977 0075 or visit us online
at **www.cie-group.com/2N**

AV
WINNER

CIE-Group, winners of AV Awards 2014 -
Outstanding Contribution to the Industry Award.

ALL YOU HAVE TO DO IS RELAX

www.cie-group.com/2N

2N® Helios IP Verso Modular Door Intercom

Modular design allows for **customer specified** features/functions

HD camera with **infrared light** and **night vision**

13.56 MHz smart card reader with **NFC support**

Video & audio communication with smart phones & handheld/ tablet devices



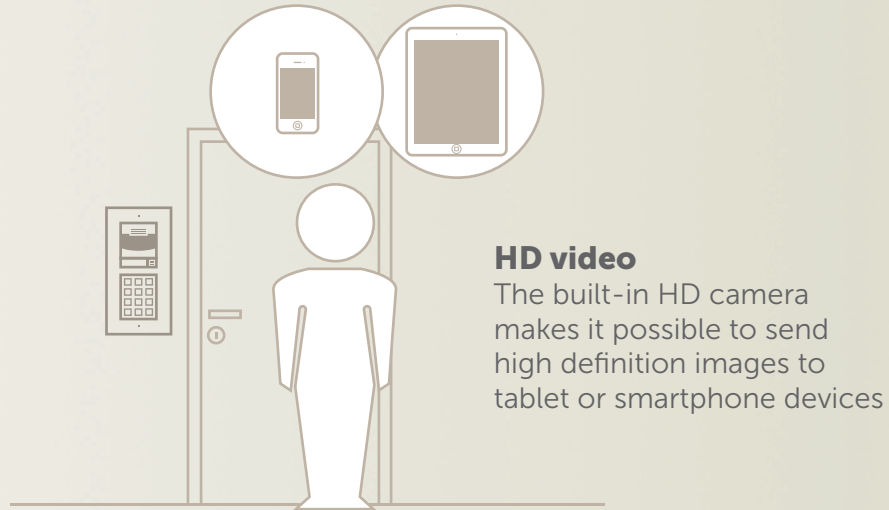
Integration with third-party CCTV systems with **ONVIF support**

NextGen html5 web configurator

Programmable scripts for actions and reactions

Compatible with external IP camera connectivity





HD video

The built-in HD camera makes it possible to send high definition images to tablet or smartphone devices



Night vision

Infrared night vision makes it possible to film a potential assailant even in darkness, without that person knowing they are being filmed



Modularity

Thanks to modularity, any combination of intercom components can be chosen. This means that you can combine an attendance system with a keypad, name tags and a HD camera

2N® Indoor Touch Intercom

7" touchscreen Door Intercom Device with energy saving mode

Multi-coloured LED status indicator

HD picture display from the door communicator

Two-way communication with other Indoor Touch devices on the network



Video message storage

Display of missed calls

Setting "Do not disturb" ("DND") status

Powered by PoE (Power-over-Ethernet) or external power supply

User-friendly control and **easy configuration**



2N® Access Unit - Contactless Access Control with NFC Support

Discreet, Contactless Access Control Device

Access electronically-secured doors using RFID cards or fobs

NFC support for contactless access via smart phone*

I.P. connected device



Powered by PoC (Power-Over-Cable) or external power supply

IP53 protection rating for indoor and outdoor use

Compatible with 2N® Verso range of cover plates and additional modules

* Compatible with Near Field Communication enabled smart phone devices





...VIEW AND COMMUNICATE WITH THEM FROM ANYWHERE

www.cie-group.com/2N

2N® Helios IP Vario Door Intercom

Features **highly sensitive microphone** with **echo cancellation** for reduction of background noise

Personalised TFT colour **screen** for images, logo, company presence, quick dial buttons

Personalised phonebook

Indication of the status of the call and door lock status

Backlit keyboard



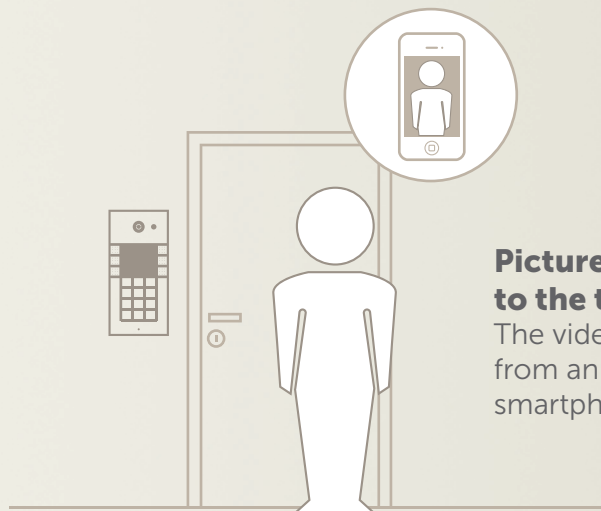
Colour camera, viewing angle 55° horizontal and 39° vertical

Easy to navigate menu

Stainless steel housing, IP53 certified for outdoor use (with accessories)

Integrated electrical switch relay for door control





Picture from the door to the telephone

The video is easily displayed from an intercom on a smartphone or tablet device



Attendance system

The intercom can also serve as a terminal for an attendance system for all your employees



Connection with CCTV

You can easily send the video from the intercom to the CCTV system

2N® Helios IP Force Intercom

Features **two highly sensitive microphones** with **echo cancellation** and reduction of background noise

1W or 10W **speaker** for noisy environments

Weather, dust and tamperproof, **IP69K certified**

Backlit keyboard for telephone calls and opening of the door

Tamper switch

HD Camera version now also available



Night vision colour camera, viewing angle 135° horizontal and 109° vertical

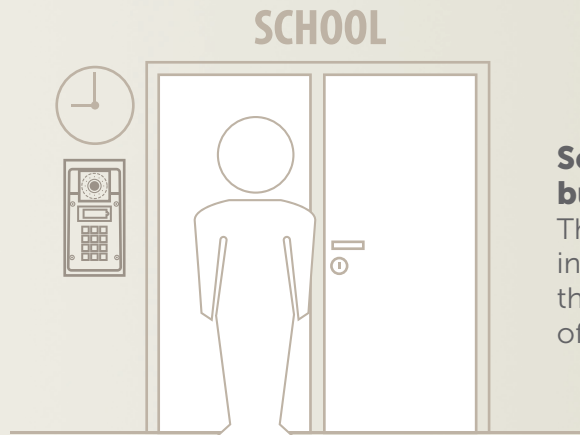
Highly resilient aluminium housing with an **anti-vandal construction**

Replaceable backlit nametags

Visual & Voice navigation supports users with sight/hearing disabilities

Integrated electrical switch relay for door control

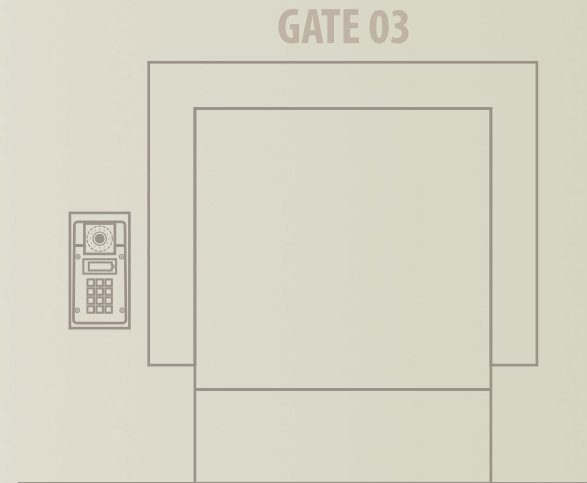




SCHOOL

Security of school buildings

The time lock in the intercom can serve as the automatic locking of school entrances



GATE 03

Protection of logistics inputs

In logistics centres no goods ramp/delivery bay remains unsupervised



Home guard

The robustness and video quality make this intercom suitable as an external gate entry system

2N® Helios IP Safety Intercom

Features **two highly sensitive microphones** with **echo cancellation** and reduction of background noise

1W or 10W **speaker** for noisy environments

Dust and waterproof, IP69K certified

Tamper switch



Highly visible colour for **easy identification** in poorly-lit areas as in highways or motorways

Backlit, quick dial button

Highly resilient aluminium housing and anti-vandal construction

Integrated electrical switch relay for door control

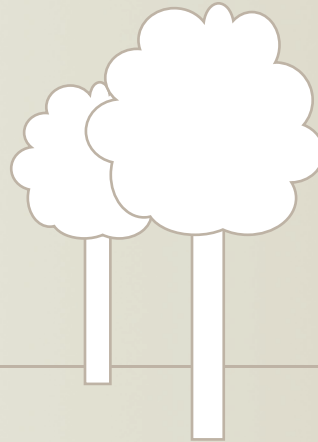
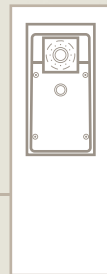




SOS point
Suitable for installation
on a motorway for
drivers emergency
communication with
a control centre



**A highly visible
aid in a car park**
Installed at the exit,
it serves as an aid in
unexpected situations



Infopoint in town park
A visible and easy to operate
Infopoint in a public park, town
centre or other public space

2N® Helios IP Uni Intercom

Specifically designed for users with **hearing difficulty** or **impaired orientation ability**

Three special **pictograms** signal the status of the intercom

No configuration needed

Visual signalling **works automatically** as soon as the intercom is connected



orange = ringing

(a visitor has pressed the button on the intercom and the intercom is connecting the call)

blue = call

(the visitor is speaking with a responsible person in the building)

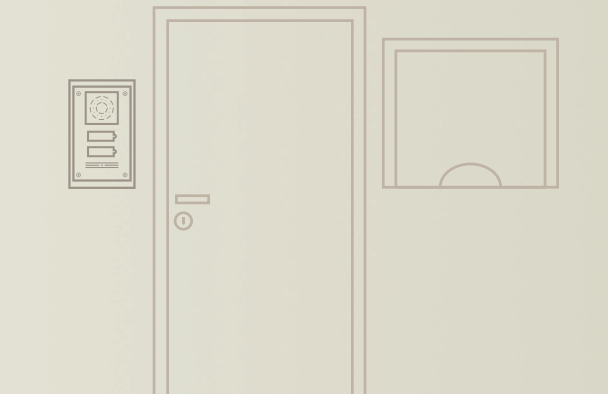
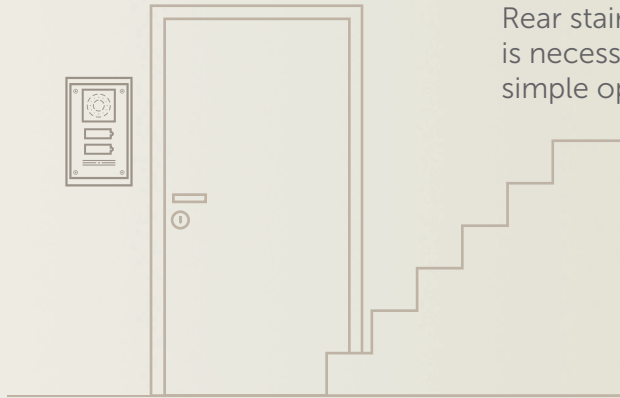
green = opened door

(the responsible person has opened the door and allowed the visitor to enter the building, or a card has been used for identification)



**Simple communcation
within the office**

Rear stairway at an office where it is necessary to ensure safety and simple operation



Intercom for night pharmacy

A simple and effective system for calling the personnel to the serving hatch of a night pharmacy

A WIDE RANGE OF PRODUCTS

2N® Helios IP Verso Modular Door Intercom Devices

Basic Modules

Extending Modules



1 button Intercom
Basic Unit
9155101C



Infopanel
9155030



Keypad
9155031



RFID card reader
with NFC support
916010



RFID card reader
125kHz
9155032



RFID card reader
13MHz
9155033



I/O module
9155034



5 buttons
9155035



Wiegand module
9155037



Tamper switch
9155038



Blank module
9155039

With
camera

Without
camera

9155101

Frames



Flush installation
1 module
9155011



Flush installation
2 modules
9155012



Flush installation
3 modules
9155013



Surface installation
1 module
9155021



Surface installation
2 modules
9155022



Surface installation
3 modules
9155023

Back Boxes



Flush installation
1 module
9155014



Flush installation
2 modules
9155015



Flush installation
3 modules
9155016

A WIDE RANGE OF PRODUCTS

2N® Helios IP Vario Door Intercom Devices

Module w/ display Basic Modules



6 buttons + keypad

9137160CKDU



1 button

9137111CU



3 buttons

9137131CU



6 buttons

9137161CU



1 button + keypad

9137111CKU



3 buttons + keypad

9137131CKU



6 buttons + keypad

9137161CKU



8 button extender

9135181E



16 button extender

9135182E



Infopanel

9135310E

With camera

Without camera

9137160KDU

9137111U

9137131U

9137161U

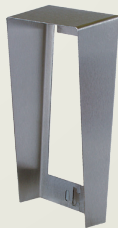
9137111KU

9137131KU

9137161KU

Extending modules

Roofs and boxes



Roof for one module
9135331E



Roof for two modules
9135332E



Flush mount box for one module
9135351E



Flush mount box for two modules
9135352E

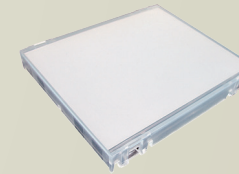


Roof & flush mount box for one module
9135361E



Roof & flush mount box for two modules
9135362E

Accessories



Infopanel name plate
9135311E



Name plate
9135301E



Double button name plate
9135302E



Card reader
9137430E



Additional switch
9137310E

A WIDE RANGE OF PRODUCTS

2N® Helios IP Force



	1 button	1 button + keypad	4 buttons	2 buttons + card reader	1 button + pictograms
With camera	9151101C	9151101CK	9151104C	9151102CR	9151101CRP
With HD camera	9151101CHW	9151101CHKW	9151104CHW	9151102CHRW	9151101CHRPW
Without camera	9151101	9151101K	9151104	9151102R	9151101RP
With 10W speaker	9151101CW	9151101CKW	9151104CW	9151102CRW	

2N® Helios IP Safety



	1 button
1W speaker	9152101
10W speaker	9152101W

2N® Helios IP Uni



	1 button	2 buttons	1 button + pictograms
	9153101	9153102	9153101P

Accessories

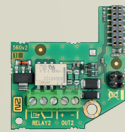
2N® Helios IP Force



Card reader
9151011



Smart card reader
9151016



Additional switch
9151010



Flush mount box
9151001



Flush mount box for mounting in plasterboard
9151002

2N® Helios IP Safety



Frame
9152000

2N® Helios IP Uni



Box for wall mounting
9153003

2N® Helios IP Video Kit



Video & Audio over I.P. Interface Kit
9154100C

ACCESSORIES:

IP Video telephones



Grandstream GXV3275

91378358

Grandstream GXV3240

91378357

Components



2N° Helios IP Security Relay
9159010

2N° Helios IP Wiegand isolator
9159011



Departure Button
9159013



Web Relay
9137410E



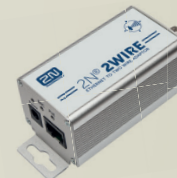
External RFID card reader
9159030



Electrical Locks:
Standard electrical lock 932070
With hold-open function 932080
With mechanical unlocking 932090



Magnetic contact
9159012



2N° 2Wire
9159014



PoE injector (EU/US plug)
91378100E
91378100US



Power Supply (12v DC/2A)
91341481E



Transformer (230v/12v, 1A)
932928

Card Reader

(for Vario, Vario with Display and Force versions only)



RFID cards:

Proximity card EM-4012 (125kHz)

9134165

Mifare RFID for 13,56MHz

9134173



Key fobs:

Proximity EM-4012 (125kHz)

9134166

Mifare RFID for 13,56MHz

9134174

Licences



Licence for G.729 9137902
Enhanced Audio 9137905
Enhanced Video 9137906
Enhanced Security 9137907
Enhanced Integration 9137908
Gold 9137909

Software



2N° Access Commander
Effective centralised management of 2N° IP intercom systems

2N° Attendance System
Detailed attendance records for all employees

2N° INDOOR TOUCH



2N° Indoor Touch

91378365 (black)
91378365WH (white)

2N AUDIO-OVER-IP SYSTEMS

The **2N Net Speaker** and **SIP Speaker** range of **Audio-over-I.P.** systems combines conventional distributed sound with the latest in signal-over-I.P. technologies.

Whereas conventional 100v line and low impedance audio systems can be limited in transmission distance and require their own discrete cabling, 2N Audio-over-I.P. allows high quality audio broadcast and multi-zone / multi-site control over standard LAN/WAN infrastructure.

Ideal for large scale / complex paging audio advertising and background music systems.



Background Music and Voice Paging over I.P.

Central management & monitoring of all audio end-points

High quality audio

Long-distance audio signal transmission

Audio system broadcast and control over standard LAN/WAN infrastructure

Available as I.P. Loudspeaker options or I.P. adapter endpoints for integration with conventional 100v line and Low Z audio systems

2N® NetSpeaker - Audio-over-IP (AoIP)

Voice and music streaming over I.P.
(LAN, WAN or web)

PC-based virtual central broadcasting
system with free central management
software

Compatible with standard 100v line
and low impedance loudspeakers
and amplifiers

Site-wide, country-wide and
world-wide audio transmission

Powered via PoE
(Power-over-Ethernet)



PA, music and audio advertising
long distance distribution

Multi-zone / multi-size control
and distribution

NetSpeaker features integrated
10 Watt stereo amplifier

NetSpeaker Lite features line level
output only

Also available integrated within a
selection of loudspeaker types
(see page 27)



2N® SIP Speaker - Voice over I.P.

Voice streaming over I.P.
(LAN, WAN or web)

Peer-to-Peer System:
no Server required

Compatible with standard 100v line
and low impedance loudspeakers
and amplifiers

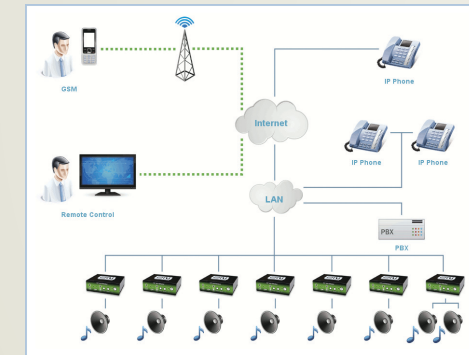
Long distance broadcast via standard
Cat5e/6/7 or web

Built-in amplifier output and external
microphone input



Integrates with 2N IP Door Entry
systems and IP streaming systems

Web interface control and
configuration



2N® NetMic - IP-Addressable Multi-zone Desk Microphone

Audio-over-IP microphone and control console

Compatible with 2N® Netspeaker AoIP end points

Allows for connection and control from anywhere on I.P. network

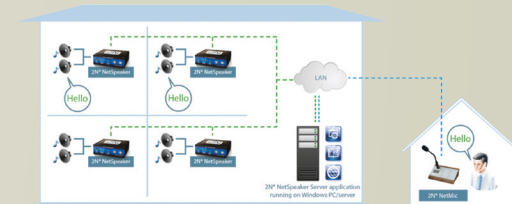
'Listen in' monitoring of different zone outputs



Programmable buttons

Store and replay pre-recorded messages, tunes, music and commercials, etc

Supplied with gooseneck microphone



2N® NetStreamer Analogue Audio to I.P. Signal Converter

Integrate conventional analogue audio services into AoIP systems

Converts analogue audio signals to Audio-over-IP

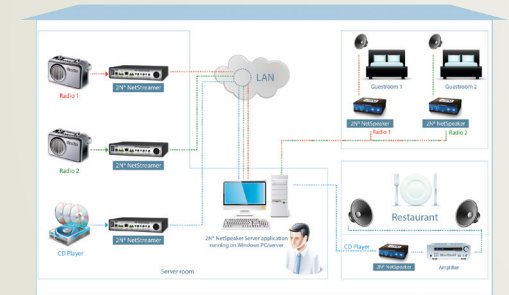
Line or microphone input

Simple and fast installation



Compatible with 2N® NetSpeaker & NetSpeaker Lite -based systems

Use of existing LAN/WAN Network for signal transmission



AUDIO-OVER-IP PRODUCT RANGE

2N® Net Speaker



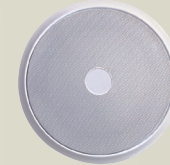
Net Speaker IP Audio Decoder
End point with amplifier
914010E



Net Speaker Lite IP Audio
Decoder End point
914013E



IP-addressable
wall-mount Loudspeakers
914033B (black)
914033W (white)



IP-addressable
Ceiling Speaker
914031E



NetMic Organic IP-addressable
Multi-zone Desk Mic
914070E

2N® SIP Speaker



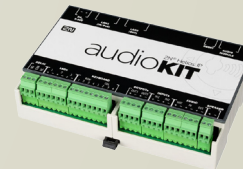
SIP Speaker IP Audio Decoder
End Point with amplifier
914401E

2N® NetStreamer



NetStreamer IP Audio
Signal Converter
914075E

2N® Helios IP Audio Kit



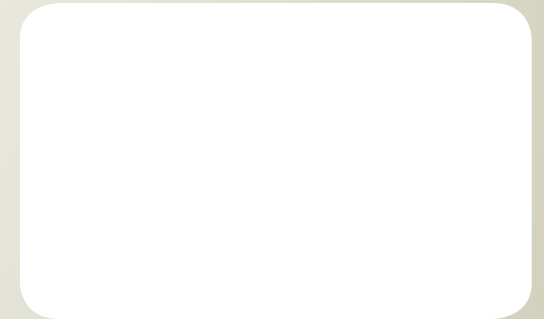
OEM Audio-over-IP
Audio Kit
9154100



A white banner with a blue ribbon at the bottom right that says "Compatible". The banner contains the following logos: Cisco Compatible, ONVIF, SAVANT, AMX, Alcatel-Lucent, Control4, AVAYA, milestone, and BOSCH.

For a complete list of devices compatible with 2N Helios I.P. Systems, go to:

www.cie-group.com/2N_compatible



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