



فراوشمند انرژی
آرتمن
هوشمندانه زیست
www.smart-buildings.ir



2N HELIOS IP INTERCOM SYSTEMS





OUR SOLUTIONS ENSURE YOUR COMFORT



ALL YOU HAVE TO DO IS RELAX

2N® Helios IP Verso

Maximum modularity

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

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

Video and audio for **mobile**
telephones and tablets

IK8 certification



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

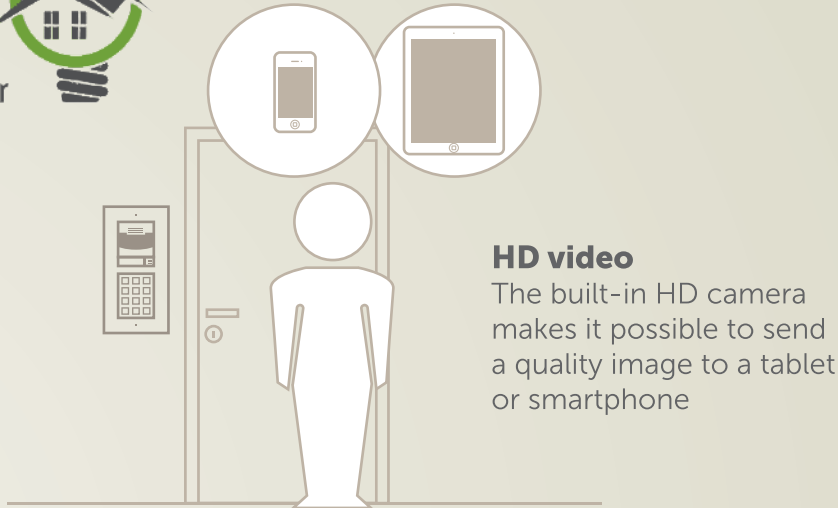
NextGen html5 web
configurator

Programmable scripts
for actions and reactions

Connectable external IP
camera



DESIGNED FOR DEMANDING CUSTOMERS



SUGGESTED USES

2N® Indoor Touch

7" touchscreen
 with energy saving mode

Multi-coloured **LED**
 status indicator

Reception of a HD video
 from the door communicator

Two-way communication
 with other units in the network



Display of missed calls

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

Powered by **PoE**
 or external source

Wi-Fi version



LUXURY DOOR COMMUNICATION SOLUTION



Residential building

An internal unit, which you can use to operate the entry door even if it is 25 storeys below you, can be placed in each apartment



Luxury home

For your luxury furnished flat or house, you can use it as a terminal for monitoring what is happening at your door; including video



SUGGESTED USES



SIMPLE TO INSTALL ACCESS CONTROL SYSTEM



EFFECTIVE MANAGEMENT OF ACCESS SYSTEMS

2N® Access Unit

RFID card reader embedded
in a **controller** creating
a single compact device

Ability to open doors using
a **smartphone supporting NFC**
and **HCE**

Simple installation without the
need for expert knowledge

Easy to manage with
2N® Access Commander



Representative design

Excellent price
to performance ratio

Integration with
2N IP intercoms enviroment

Option to easily **integrate**
with **third party system**,
such as a camera



CONTROL THE MOVEMENT OF PEOPLE IN YOUR BUILDING

2N® Access Commander

Access via a web interface,
the so-called **thin client**

Access from any **mobile device**,
responsive **design**

Attendance system



Running on **Linux** or **Windows**
virtual server

Bulk setting and configuration
of 2N IP intercoms

Step by step **tutorial**
upon first launch



CONTROL YOUR DEVICES FROM ONE LOCATION



SOMEONE IS AT YOUR DOOR



2N® Helios IP Vario

A highly sensitive microphone with an echo cancellation

Personalized TFT colour **screen** with images, logo, company presence, quick dial buttons

Personalized phonebook

Indication of the status of the call and door lock status

Backlit keyboard



125kHz Card reader

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

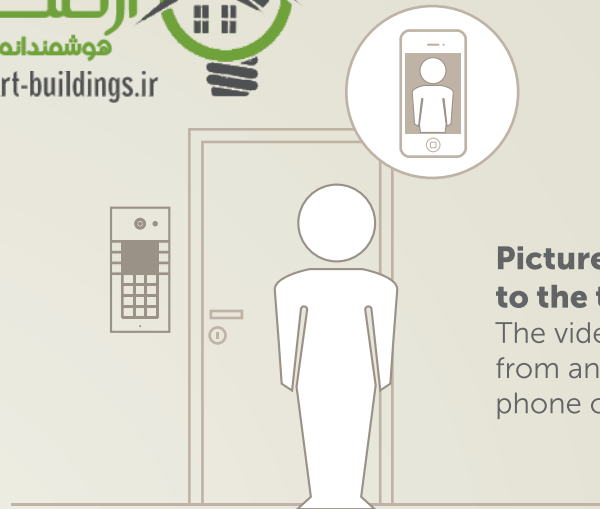
IK7 certification

Stainless steel housing, IP53 certified, outdoor use with accessories

Integrated electrical switch relay for door control



DESIGNED WITH ELEGANCE



Picture from the door to the telephone

The video is easily displayed
from an intercom on a mobile
phone or tablet



Attendance system

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



Connection with CCTV

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



SUGGESTED USES



ENTRANCE SECURITY GUARD



EASY INTEGRATION WITH CCTV

2N® Helios IP Force

Two highly sensitive **microphones**
 with **echo cancellation**

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

10W **speaker** for loud
 environments

Backlit keyboard for telephone
 calls and opening of the door

Tamper switch

IK10 certification



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

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

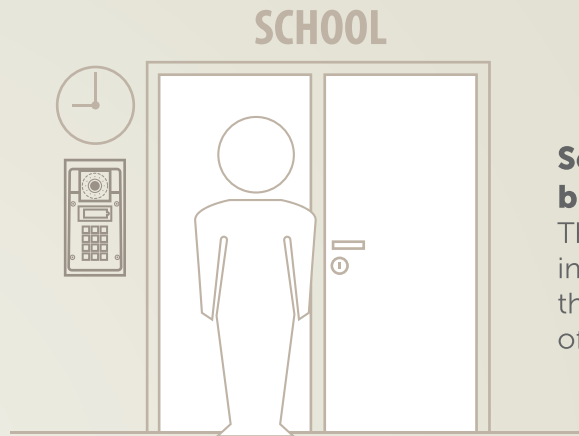
Replaceable backlit nametags

Visual & Voice navigation
 - suitable for disabled people

Integrated electrical switch relay
 for door control

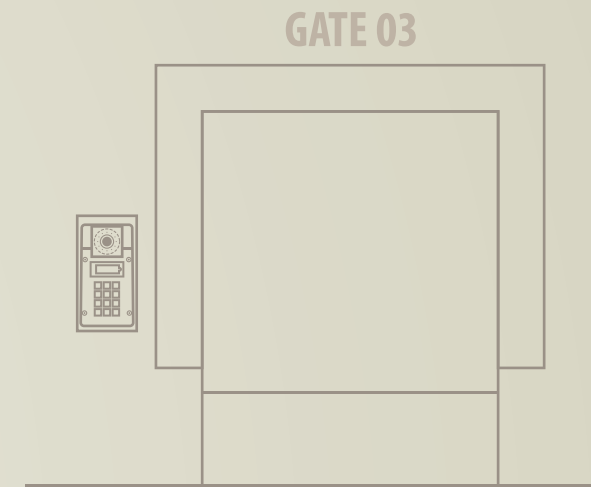


DESIGNED FOR SECURITY



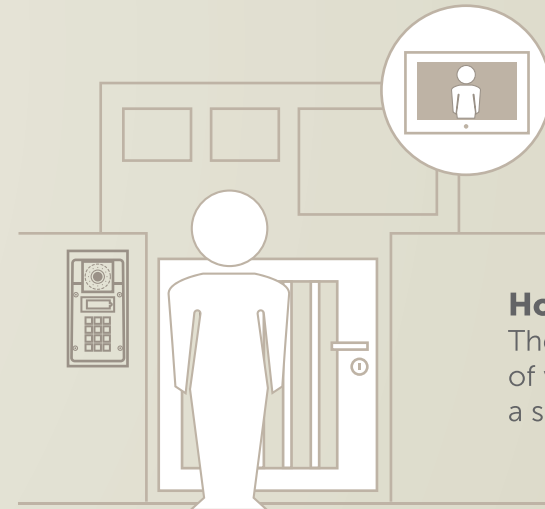
Security of school buildings

The time lock in the intercom can serve for the automatic closing of school entrances



Protection of logistics inputs

In logistics centres no goods ramp remains unsupervised



Home guard

The robustness and possibility of video make this intercom a suitable entry guard



SUGGESTED USES

2N® Helios IP Safety

Two highly sensitive **microphones**
with **echo cancellation**

10W **speaker** for loud
environments

Tamper switch

IK10 certification



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

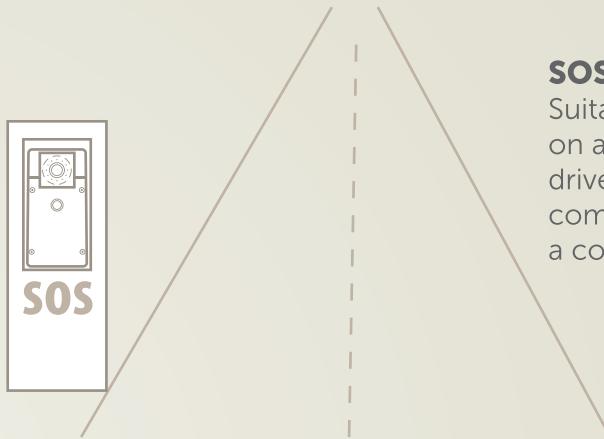
Backlit quick dial button

High resilient aluminium housing
and **anti-vandal construction**

Integrated electrical switch relay
for door control

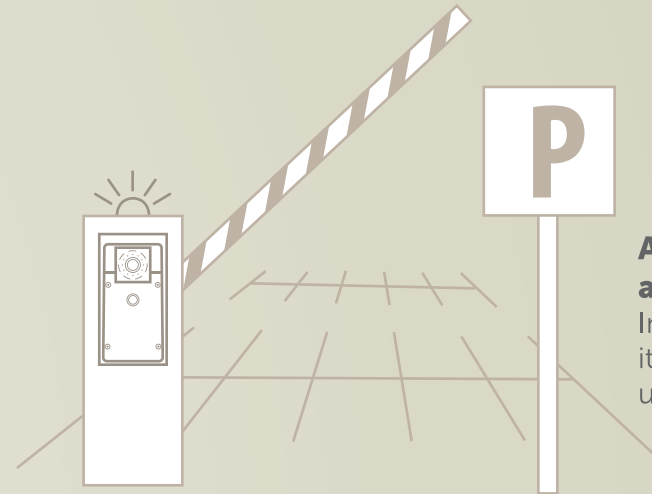


DESIGNED FOR SAFETY



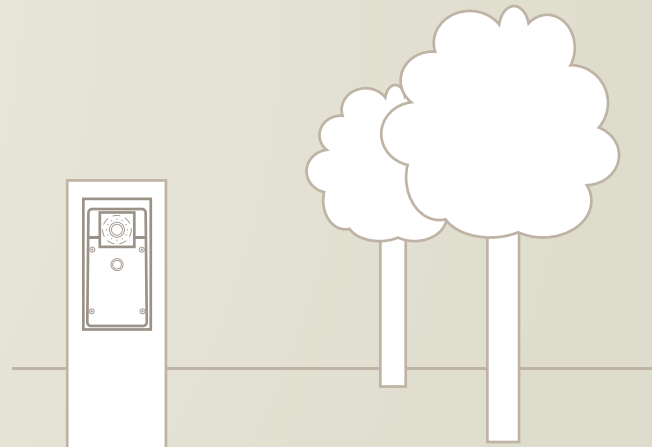
SOS point

Suitable for installation on a motorway for the 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 town park, relax zone or other place



SUGGESTED USES

2N® Helios IP Uni

Designed for **easy installation**

Integrated electrical output
for door control

Tamper switch

Stainless steel front place,
outdoor rated

IK10 certification



**Pictograms signalling
the status of the intercom**

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

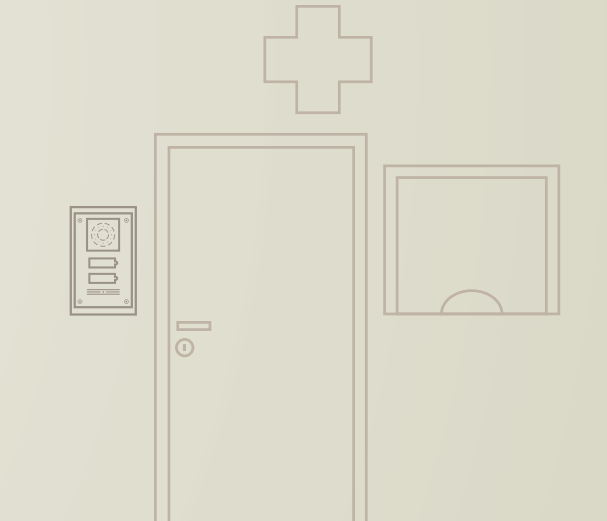
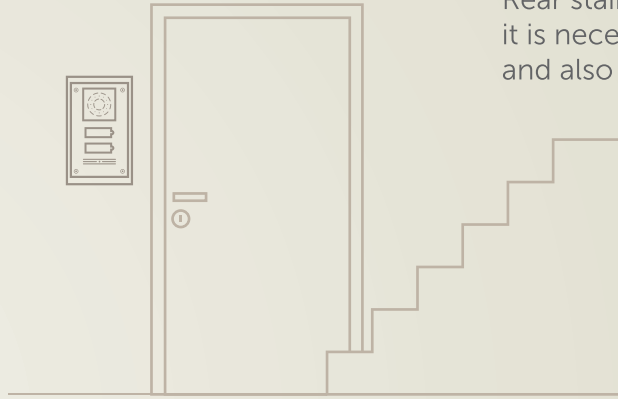
*(the responsible person has opened
the door and allowed the visitor to
enter the building)*



DESIGNED FOR HANDICAPPED PEOPLE

Simple communication at office

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



Intercom for night pharmacy

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



SUGGESTED USES

ORDERING DETAILS FOR INTERCOM SYSTEMS

2N® Helios IP Verso

Basic module

Extending modules



1 button



Infopanel



Keypad



RFID card reader
125 kHz
9155032



RFID card reader
13.56 MHz
9155033



RFID card reader
13.56 MHz NFC
9155040



Secured RFID card
reader 13.56 MHz
NFC ready
9155042



5 buttons
9155035



Blind module
9155039



Wiegand module
9155037



Tamper switch
9155038



I/O module
9155034

With
camera 9155101C
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

Accessories

Boxes	
Flush mounted box for 1 module	9155014
Flush mounted box for 2 modules	9155015
Flush mounted box for 3 modules	9155016

Other	
Connection cable long - 1m length	9155050
Blind button	9155051
Nametag foil	9155052

Backplates	
Backplate – 1 module	9155061
Backplate – 2 modules	9155062
Backplate – 3 modules	9155063
Backplate – 2(w) x 2(h) modules	9155064
Backplate – 3(w) x 2(h) modules	9155065
Backplate – 2(w) x 3(h) modules	9155066
Backplate – 3(w) x 3(h) modules	9155067

PRODUCT DETAILS AND ORDERING NUMBERS

2N® Helios IP Vario

Module with display Basic module



6 buttons
+ keypad



1 button



3 buttons



6 buttons



1 button
+ keypad



3 buttons
+ keyboard



6 buttons
+ keyboard

With camera	9137160CKDU
Without camera	9137160KDU

9137111CU
9137111U

9137131CU
9137131U

9137161CU
9137161U

9137111CKU
9137111KU

9137131CKU
9137131KU

9137161CKU
9137161KU

Extending modules



8 button extender

9135181E



16 button extender

9135182E



Infopanel

9135310E

Accessories

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 and flush mount box for one module	9135361E
Roof and flush mount box for two modules	9135362E



Other

Infopanel name plate	9135311E
Name plate	9135301E
Double button name plate	9135302E
RFID card reader 125 kHz	9137430E
Additional switch	9137310E




2N® Helios IP Force

					
	1 button	1 button + keypad	4 buttons	2 buttons card reader ready	1 button + pictograms card reader ready
With camera	9151101CW	9151101CKW	9151104CW	9151102CRW	9151101CRPW
With HD camera	9151101CHW	9151101CHKW	9151104CHW	9151102CHRW	9151101CHRPW
Without camera	9151101W	9151101KW	9151104W	9151102RW	9151101RPW

2N® Indoor Touch

		
	91378365	91378365WH
Without WiFi		
With WiFi	91378366	91378366WH
Licence		
Unlocking license for uploading apps 91378390		

2N® Helios IP Uni

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

2N® Helios IP Safety

		
2 buttons - Info and SOS 10W speaker 9152102MW	Red emergency button 10W speaker 9152101MW	1 button 10W speaker 9152101W

Accessories

2N® Helios IP Force	
125 kHz RFID card reader + tamper switch	9151011
13,56 MHz card reader NFC ready + tamper switch	9151017
Secured card reader NFC ready 13.56MHz	9151019
2N® Helios IP Force + Safety	
Additional switch + tamper 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® Indoor Touch	
External power supply 12V/2A	91378380

ORDERING DETAILS FOR ACCESS CONTROL



2N® Access Unit
916010

Licences for 2N® Access Unit

NFC License 916012



2N® Access Commander

Licences for 2N® Access Commander

License for +5 devices 91379040

License for +25 users 91379041

MOBILE APPLICATIONS



2N® Helios IP Mobile



2N® Mobile Key



ACCESSORIES

IP Video telephones

Grandstream GXV 3275 91378358

Grandstream GXV 3240 91378357

RFID tags (for Verso, Vario and Force)

EMarine RFID card 125kHz 9134165E

EMarine RFID key fob 125kHz 9134166E

Mifare RFID card 13.56MHz 9134173

Mifare RFID key fob 13.56MHz 9134174

External RFID readers

External RFID reader 125 kHz
EMarine (USB interface) 9137420E

External RFID reader 13.56 MHz
(USB interface) 9137421E

External Wiegand 125kHz
EMarine RFID card reader 9159030

External Wiegand 13.56MHz
Mifare RFID card reader 9159031

Electrical Locks

Standard electrical lock 932071E

With hold-open function 932081E

With mechanical unlocking 932091E

Software

2N® Access Commander www.2n.cz

Licences

License for G.729 9137902

Enhanced Audio 9137905

Enhanced Video 9137906

Enhanced Integration 9137907

Enhanced Security 9137908

Gold 9137909

Informacast License 9137910

NFC License 9137915

Components

2N® Helios IP Security Relay 9159010

2N® Helios IP Wiegand 9159011

2N® Induction Loop 9159050

External antenna 9159051

Power supply 12V/1A 9159052

2N® 2Wire (EU/US/UK plug) 9159014EU

9159014US

9159014UK

Exit button 9159013

IP Relay - 1 output 9137410E

IP Relay - 4 output 9137411E

Magnetic contact 9159012

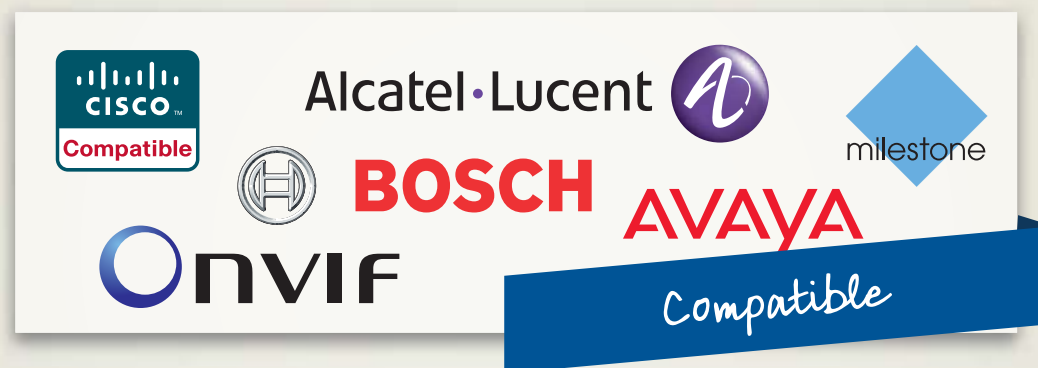
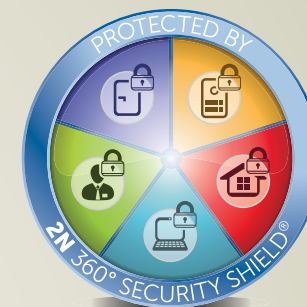
Power supply 12V/2A 91341481E

Transformer 932928

PoE Injector (EU/US plug) 91378100E

91378100US

FLEXIBLE COMBINATIONS



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