

2N® Helios - IP - Installation behind Starface and Gigaset T300/500

The 2N® EntryCom IP station is supported from Gigaset v5.2 on. Operating in a version with video module is possible. The device is configured manually.



Variant EntryCom IP Vario 3 Keys



Variant DoorEntry IP Wantec

Product variants

The 2N EntryCom IP is being marketed in several countries as 2N 2N Helios IP or IP EntryCom. It is technically identical to devices. Furthermore, there is the range of IP Door Entry Wantec company, which is characterized by modified housing. These devices are technically identical and can be configured to meet these guidelines.

Conceptual and preparation of the Gigaset PBX

- The EntryCom IP is configured on the Gigaset PBX as a SIP phone with the profile 2N Helios IP.
 - The username can be chosen individually, e.g. 2n.helios.
 - Please create a password with the random-function of the PBX.
 - Also a DTMF sequence can be stored as convenience feature to trigger a switching function.
 - The DTMF sequence must be completed in the Gigaset PBX with a * (see below for details)
 - The URL for the image EntryCom IP

[http:// <IP-address EntryCom IP> / enu/camera320x240.jpg](http://<IP-address EntryCom IP> / enu/camera320x240.jpg)

http://<IP-Adresse EntryCom IP>/enu/camera320x240.jpg

Konfiguration

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Art des Endgerätes: 2N Helios IP Funktionalität: Telefon

Telefonname: 2n.helios Passwort: eA8sxK3C2pz3rkEy Zufallspasswort

Verwendete Serveradresse: 192.168.32.133 Letzte bekannte Geräte-IP: 192.168.32.150

Autoprovisionierung

Letzte Provisionierung: 01.01.1970 00:00:00

MAC-Adresse: ---

Firmware-Version: ---

Telefoneinstellungen überschreiben: ☒

Erweiterte Einstellungen

NAT: ---auswählen---

Codecs: alaw, ulaw, h264

IP-Beschränkung: ---

Türsprechstelle

☒ Einschalten ☐ Ausschalten

Kamera-URL: http://192.168.32.150/enu/camera320x240.jpg Verbindung testen

DTMF: 5678*

Speichern Übernehmen Abbrechen

Schließen

- The SIP phone is now a dedicated user is assigned. This can be named as desired, e.g. First name: door; Name: EC
 - The numbers also allow calls to the user of this station. This must be unlocked separately but in the station.
 - By mapping user receives the intercom dialing
 - It is recommended for those users the right to "Phone Log" to deactivate.

Benutzer: Erdgeschoss, Tür

Daten Umleitung **Telefon** Rufnummern iFMC Tasten Gruppen Rechte

Angezeigte Rufnummer: Nummer unterdr. Primäres Telefon: SIP/2n.helios

Anklopfen: ☒ aktivieren Ruhe: ☐


Gerätename	Rufnummer klingelt	Aktiv
SIP/2n.helios	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

+

- The SIP intercom calls when pressing the bell on internal or external numbers.
 - In general, this should be used as a target call group (ring bell Strategy Group, All), in the example with group number 199.
 - All participants in this group are notified accordingly if you ring the bell at the SIP station.
 - Note: The combination with a functional group with a queue module is not currently supported.


Gruppe: Sammelruf Türe

Gruppendaten Umleitung Rufnummern Personenzuordnung

Gruppenname: 

Klingelstrategie:

Gruppen ID: Passwort:

Chateinstellungen 

Chatgruppe: ☐


Gruppendaten


Gruppendaten Umleitung **Rufnummern** Personenzuordnung

Primäre interne Rufnummer:

Primäre externe Rufnummer:


Rufnummer



199	
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Rufnummern

Gruppendaten Umleitung Rufnummern **Personenzuordnung**

Liste der Gruppenmitglieder 

Benutzer	Angemeldet
1. Kirk, James T.	<input checked="" type="checkbox"/> 
2. Chekov, Pavel	<input checked="" type="checkbox"/> 



Personenzuordnung

Configuration 2N EntryCom IP

When used with the Gigaset PBX EntryCom IP must be operated with a fixed IP address - either by a fixed configuration for the device or via static leases in a DHCP server.

Configuration step by step

Basic Settings > Phone book

The settings of the phone book within the EntryCom defines the destination numbers within the system to be called if such the call button is pressed. There are various settings available here. Below is a simple Standardzenario skizziert.

Normally, the address book entries 1 to 54 are each assigned to a call button at the EntryCom. Unfortunately it is not intuitively obvious which button is assigned which address book entry. Please read the manufacturer's documentation here!

In the example with the IP Door Entry Wantec the only bell of the instrument to the contact 9 is assigned. When you press the call button, the number is called 199.

- Entry 9
 - Position enabled: Yes
 - Position name: Sprechstelle
- Phone Numbers
 - Number 1: 199
 - Time profile: [not used]

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Go to

General settings

Position enabled: Yes

Position name: Sprechstelle

E-Mail:

User activation & deactivation

Activation code:

Deactivation code:

User current state: Active

Phone numbers

Number 1: 199

Time profile: [not used]

Station name:

Number 2:

Time profile: [not used]

Station name:

Number 3:

Time profile: [not used]

Station name:

Substitute if inaccessible: [none]

User switch codes

Switch 1 code:

Switch 2 code:

Card reader

User card ID:

Basic Settings > Switch 1

The settings of the Switch 1 and Switch 2 enables a switching function in the EntryCom DTMF code to activate.

Please select the settings in the "switch settings" to suit your requirements. The code stored in the DTMF code must be added to a final to Gigaset *. The code used here in 5678 is deposited as 5678 *.

- Switch codes
 - 1 Code: 5678
 - 1 Access: Full
 - 1 Time Profile: [not used]

Switch settings

Switch enabled: ☐ Yes

Time profile:

Switch mode:

Switch-on duration: s

Sound signalization:

Display info:

Output relay:

Output type:

Synchronize with:

Synchronization delay: s

Activate by call:

Quick dial button:

Switch codes

	Code	Access	Time profile
1:	<input type="text" value="5678"/>	<input type="text" value="Full"/>	<input type="text" value="[not used]"/>
2:	<input type="text" value=""/>	<input type="text" value="Full"/>	<input type="text" value="[not used]"/>

Switch code options

Enable ON/OFF mode:

External command

Switch-on command:

Switch-off command:

Beispieldaten zur Konfiguration Switch 1

Advanced Settings > Date and Time

- Time zone
 - Time zone: GMT+01:00 Europe/Paris
- Time synchronisation
 - Use NTP server: Yes
 - NTP server address: <Gigaset-IP>

Advanced Settings > SIP Settings

- User settings
 - Display name: <SIP-Telefon-Name>
 - User ID: <SIP-Telefon-Name>
 - Domain: <Gigaset-IP>
 - Use auth ID: yes
 - Auth ID: <SIP-Telefon-Name>
 - Password: <SIP-Telefon-Name>
- Other settings
 - Local SIP port: 5060
 - Send keepalive packets: No
 - Starting RTP port: 5000
 - RTP Timeout: 30s
- SIP proxy settings
 - Proxy address: <Gigaset-IP>
 - Proxy port: 5060
- SIP registration
 - Enable registration: Yes
 - Registration expires: 600
 - Registrar address: <Gigaset-IP>
 - Registrar port: 5060

User settings

Display name: 2n.helios

User ID: 2n.helios

Domain: 192.168.32.133

Use auth ID: Yes ▾

Auth ID: 2n.helios

Password: ●●●●●●

Other settings

Local SIP port: 5060

Send keepalive packets: No ▾

Starting RTP port: 5000

RTP Timeout: 30 s

SIP proxy settings

Proxy address: 192.168.32.133

Proxy port: 5060



SIP registration

Enable registration: Yes ▾

Registration expires: 600 s

Registrar address: 192.168.32.133

Registrar port: 5060



Advanced Settings > Audio Codecs

- Preferred audio codecs
 - Choice 1: PCMA
 - Choice 2: PCMU
 - Choice 3: none
 - Choice 4: none
- Receiving of DTMF
 - Receive in audio: Yes
 - Receive via RTP: Yes
 - Receive via SIP: Yes
- Sending of DTMF
 - Send during a call: Never
 - Send in audio: No
 - Send via RTP: Yes
 - Send via SIP: No

Preferred audio codecs	Receiving of DTMF
Choice 1: <input type="text" value="PCMA"/>	Receive in audio: <input type="text" value="Yes"/>
Choice 2: <input type="text" value="PCMU"/>	Receive via RTP: <input type="text" value="Yes"/>
Choice 3: <input type="text" value="None"/>	Receive via SIP: <input type="text" value="Yes"/>
Choice 4: <input type="text" value="None"/>	

Quality settings	Sending of DTMF
Jitter compensation: <input type="text" value="100ms"/>	Send during a call: <input type="text" value="Never"/>
QoS DSCP for audio: <input type="text" value="0"/>	Send in audio: <input type="text" value="No"/>
	Send via RTP: <input type="text" value="Yes"/>
	Send via SIP: <input type="text" value="No"/>

Advanced Settings > Video Codecs

The video codec used settings for future use with SIP video phones.

- Preferred video codecs
 - Choice 1: H.264
 - Choice 2: None
 - Choice 3: None
 - Choice 4: None
- Video codec settings
 - Video resolution: QCIF (176x144)
 - Frame rate: 10 fps
 - Video bitrate: 256 kbps
 - Video packet size: 1400

Advanced Settings > Streaming

The setting Anonymous access is important so that the Gigaset PBX may tap a picture of the camera!

- JPEG video settings
 - Anonymous access: Yes
 - Activated by call: No
 - JPEG frame rate: 5 fps
 - JPEG quality: 85

Advanced Settings > Miscellaneous

The values for ring time limit and define call time limit, as long as there remains a call from the station in the call setup and how long the call made after acceptance remains.

- Outgoing calls
 - Ring time limit: 45 s
 - Call time limit: 120 s
 - Dial cycles limit: 3
- Incoming calls
 - Automatic pick up: Yes
 - Activation mode: Automatic
 - Activation code: (leer)