VIDEO DOORBELL

NORDVÄL SH105

English

NORDVÄL

HELLO,

Thank you for buying the Nordväl SH105 video doorbell. Let's get started!

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DECLARATION OF CONFORMITY

Product information

For the following

Product: video doorbell

Type: SH105

Declaration and applicable standards

Hereby, TJM Supplies B.V. declares that the type of video doorbell SH105 series conforms to:
Directive EMC 2014/53/EU and the RoHS directive (2011/65/EU) and its amendment directives 2015/863/EU on the restriction of the use of certain hazardous substances in electronic equipment.

The full text of the EU declaration of conformity can be found at the following internet address:
www.nordval.eu/declaration-of-conformity/

Importer

Company:	TJM Supplies B.V.
Address:	Zompstraat 8
	8102 HX Raalte
	The Netherlands
Email:	info@tjmsupplies.nl
Phone number:	+31 85-0402973
Business license number:	72016981
VAT number:	NL858946439B01

Manufactured in China

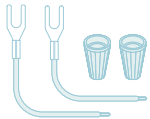
WHAT'S IN THE BOX

Please check the box for each of the following items before installing your video doorbell:

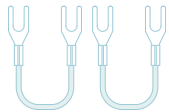
SH105 Video Doorbell

20° Angle Mount

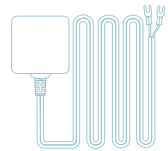
USB Chime



Extension Wire
& Wire Nuts



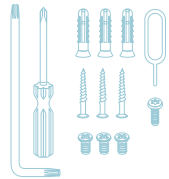
"Jumper" wire



Power Adapter
(DC12V 1A)

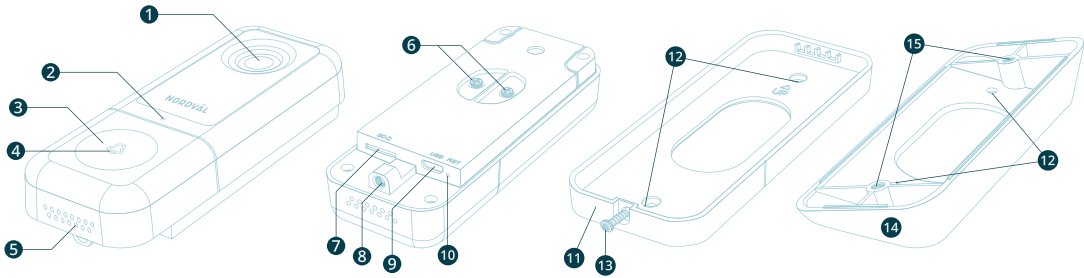
32GB Micro-SD Card

User Guide

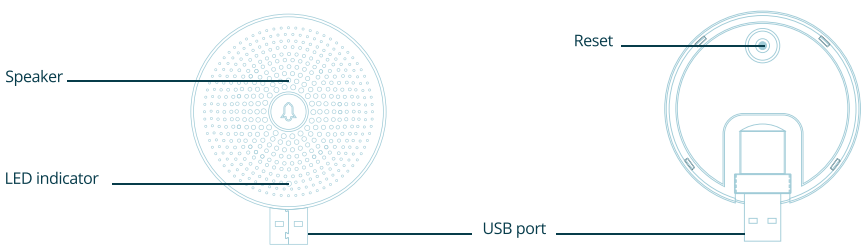


Screws & Tools

GET TO KNOW YOUR VIDEO DOORBELL

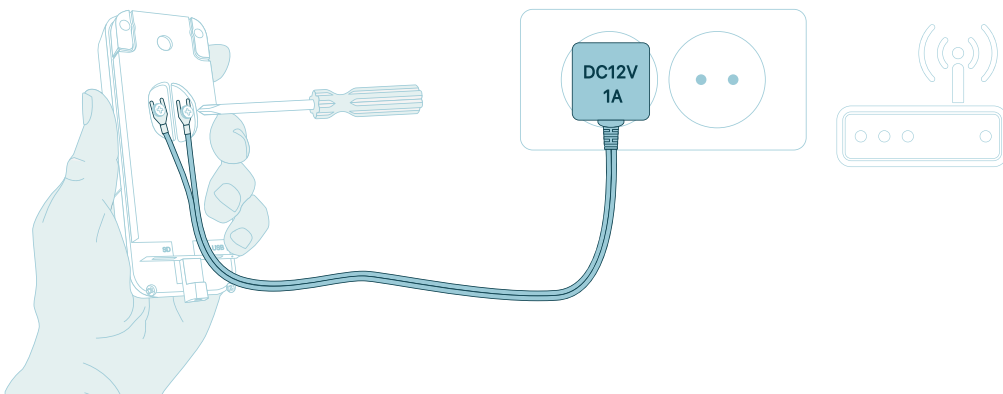


1. Camera Lens
2. Microphone
3. Doorbell Button
4. LED Indicator
5. Speaker
6. Connectors
7. Micro-SD Slot
8. Security Screw Hole
9. Micro USB Port
10. Reset Hole
11. Wall Mount Bracket
12. Mounting Screw Holes
13. Security Screw
14. 20° Angle Mount
15. Doorbell Mounting Holes



SET UP YOUR VIDEO DOORBELL

1. Attach the wires from the provided power adapter to the terminals on the rear of your doorbell, and tighten the terminal screws with a screwdriver. Each wire can be connected to each connector. The cable order doesn't matter.
2. Plug the adapter to your AC outlet. Install the doorbell within 5 meters of your 2.4GHz WiFi router. It is suggested to test your doorbell prior to physical installation.



3. Download and install the 'CloudEdge' App to your smartphone. Launch the App and register an account with your mobile phone number or email ID.

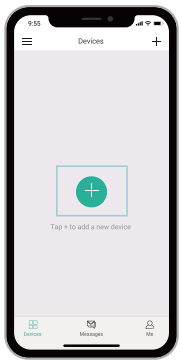
CloudEdge

iOS

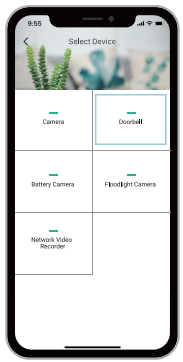
Android

WIFI SET UP

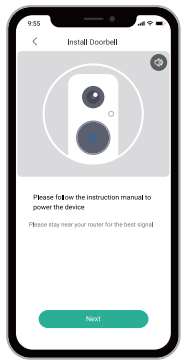
1. The video doorbell works with 2.4 GHz WiFi, but not with 5 GHz WiFi. Perform the configuration near your WiFi router. Launch the CloudEdge app and register an account. Then start the WiFi configurations. Follow these steps in the app:



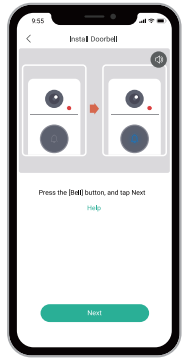
1.Tap “+” to add device



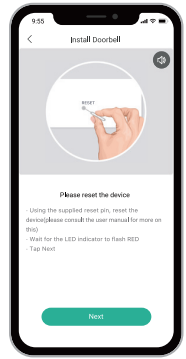
2. Select Doorbell



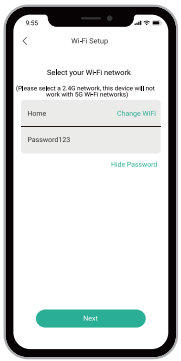
3. Check power status



4. Press the doorbell button once

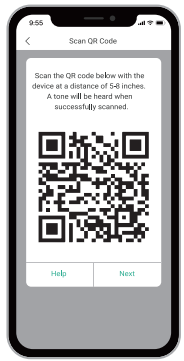


5. Reset device

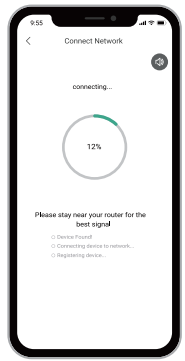


6. Input WiFi password

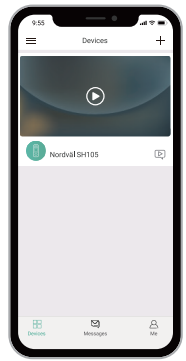
7. Prepare the QR code scan



8. Scan the QR code



9. Wait for connection



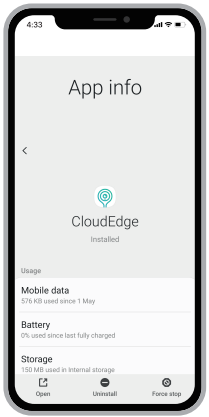
10. Adding device completed

MANAGE YOUR APP PERMISSIONS

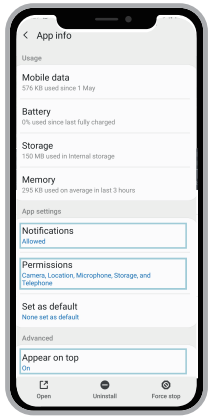
To be able to receive visitor notifications properly on your smartphone, it is important to allow all notifications and permissions. You can check this from your phone settings regarding app permissions within the CloudEdge app.

Within the phone settings go to: Settings> Apps> CloudEdge Here you will find the following settings, make sure they are on and authorized:

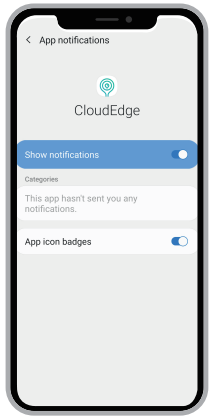
Notifications: all on
Permissions: all allowed
Appear on top: on



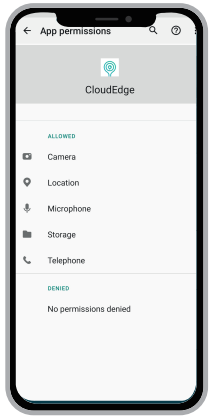
1. Go to the App settings



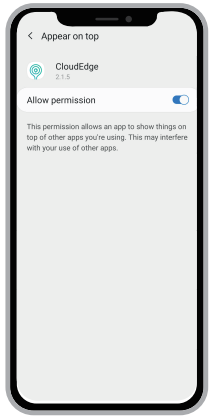
2. Scroll down to notifications, permissions and appear on top



3. Allow notifications



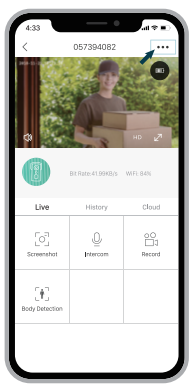
4. Allow all permissions



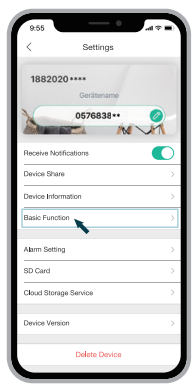
5. Allow appear on top

PAIR WITH CHIME

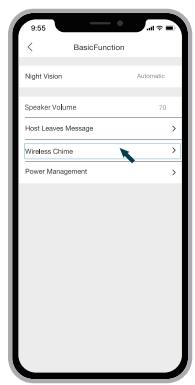
1. Tap on "···" and enter into Settings-> Basic function, select Wireless Chime page (picture 4).
2. A short click on the reset button behind the chime (picture 5), and the LED indicator will flash blue, indicating the device is in pairing mode.
3. Tap "Chime Paring" button in the app (picture 4), and the video doorbell will send a wireless pairing signal to the chime. Pairing succeeds and the indicator on the Chime will be in solid blue. All set! You can push the video doorbell button to test the result.



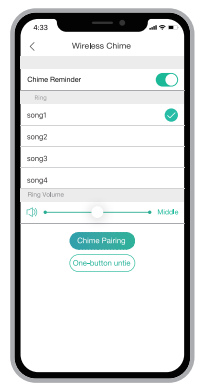
Picture 1



Picture 2

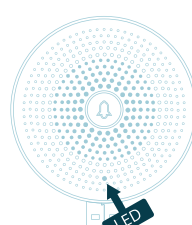


Picture 3



Picture 4

Picture 5



Picture 6

Select ringtone

Enter by going to Settings -> Wireless Chime, there are 4 ringtones available (picture 4).

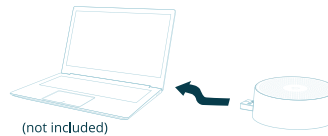
Volume control

Swipe the Ring Volume bar to control the volume level for the chime (picture 4).

Connect the chime

Supply power to the chime. The chime can be powered by an USB compatible phone charger (DC5V 1A). You can also plug the chime to the USB port on your PC/notebook to supply power.

1. Powered by DC5V adapter (phone charger).



2. Powered by PC USB Port.

Disconnect the chime

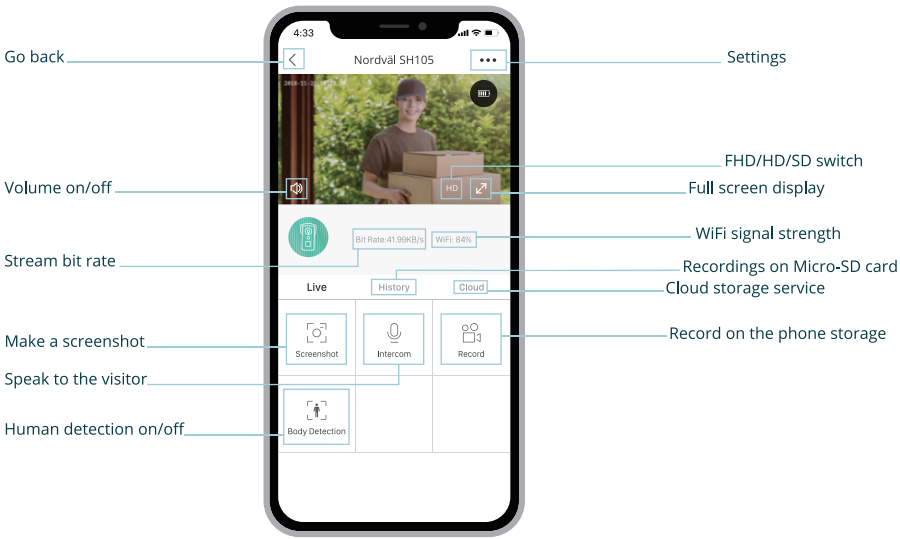
1. Press and hold reset button on the chime for about 5 seconds until the indicator flashes blue twice, and the chime will be restored to factory default.
2. You can also tap on “one button untie ” (picture 4) in the App to release the connection between the video doorbells and the wireless chimes.

RUN A TEST

After setup, tap on the live view window in the app for a test. Then take your video doorbell outside to the installation spot and run a test there. Make sure the installation spot is covered by strong 2.4 GHz WiFi signal.

Note: If the video quality from the video doorbell outside is not as good as it was indoors, you may need to move your router closer to your installation spot, or use a WiFi extender.

LIVE VIEW INTERFACE



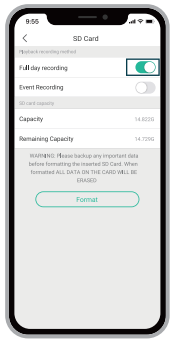
LEAVE VOICE MESSAGES

You can pre-install 3 voice messages (Max. 10 seconds per message) into the video doorbell, which enables you to quickly respond to your visitors when you are not convenient to answer the video doorbell.

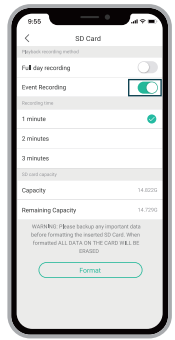
Steps: Setting --> Basic function --> Host Leaves Message --> Press and hold this icon to record voice messages --> Play the selected voice message when answering a call.

RECORDING & HISTORY PLAYBACK

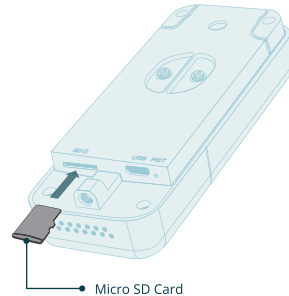
The video doorbell comes with Event recording by default. It will record visitor calls and motion detection events. You can also enable Full day recording in the Settings --> SD Card.

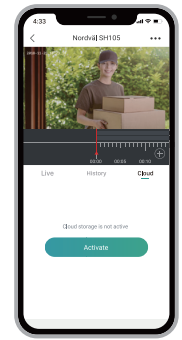


Full Day Recording



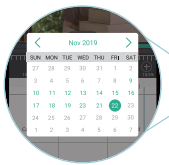
Event Recording



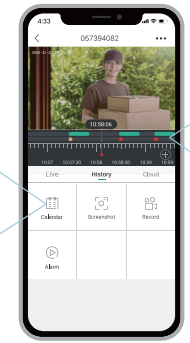


Cloud storage interface (Optionally)

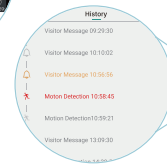
Tap History to play the videos recorded on the MicroSD card.



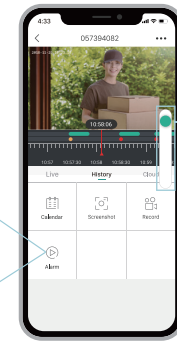
Calendar



Time Line



Event recording playback



Time Line Zoom

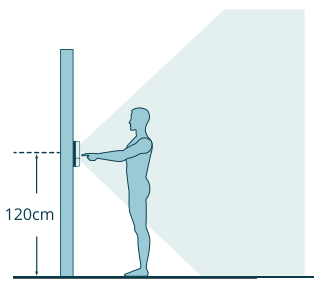
INSTALLATION STEPS

The video doorbell works with a 12V DC power source (power adapter provided), as well as an existing 12V~24V AC hardwire power source. It enables you to make use of your existing doorbell wires.

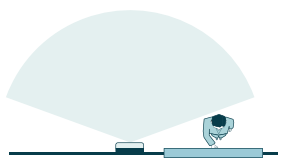
> **Note** You need to bypass your indoor mechanical chime to provide sufficient power to the SH105 video doorbell.

SELECT A LOCATION FOR YOUR VIDEO DOORBELL

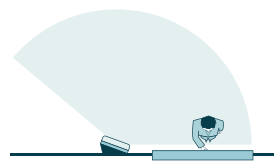
Determine the mounting position of the doorbell. Check if you can reuse the existing holes on the wall. If not drill new holes to mount your video doorbell. It is suggested to mount the doorbell at least 120 cm above the ground for optimal angle of view and best motion detection performance.



Optional: Use the 20° angle mount as a supplementary mounting bracket, to adjust the viewing angle towards to fit your viewing preference.



Doorbell Without Angle Mount



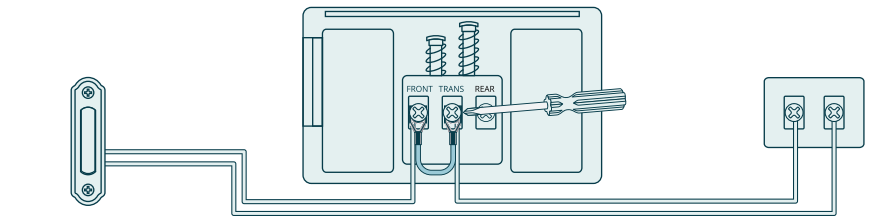
Doorbell With 20° Angle Mount

OPTION 1 - CONNECT TO YOUR EXISTING DOORBELL POWER (12VOLT)

To replace your existing doorbell and mechanical chime, please follow below installation steps:

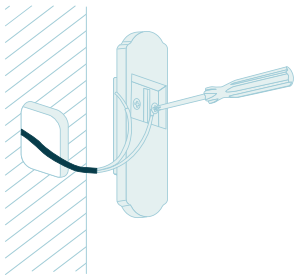
1. Shut off power at the fusebox.

2. Bypass your Internal Doorbell Chime with the provided “jumper” wire.
In most cases, the existing doorbell circuit looks similar to the image below. Remove the cover of the indoor chime and loosen the “Front” and “Transformer” terminal screws. Use the provided “jumper” wire to connect the two terminals, and replace the chime cover.

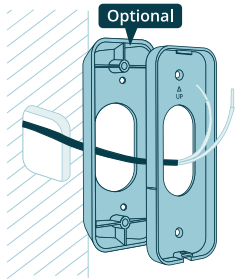


Existing Doorbell Button | Existing Mechanical Chime | Doorbell Transformer

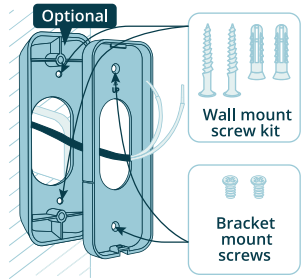
3. Replace your existing doorbell.



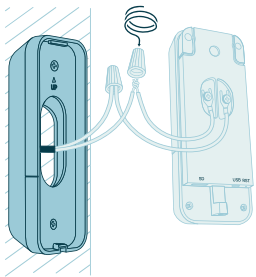
Remove the existing doorbell from the wall and disconnect the wires.



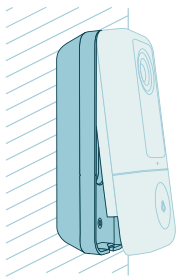
Lead the wire through the holes of the bracket before mounting.



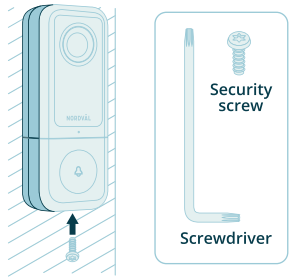
Mark the screw holes location and mount the brackets on your wall with screws.



Attach the wires to the doorbell connectors.



Feed the wires back to the wall and mount the doorbell to the bracket.

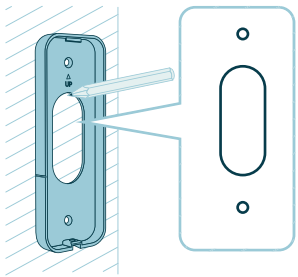


Insert the security screw into the bottom and tighten with the included tool.

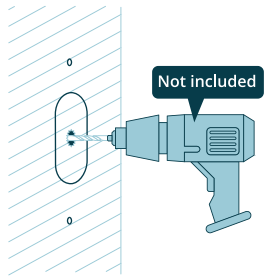
4. Restore power at the fuse box, and your doorbell is ready for use.

OPTION 2 - USE THE INCLUDED POWER ADAPTER

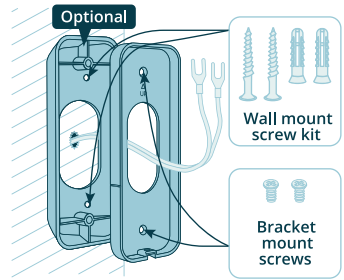
Hardwire your doorbell with the provided DC12V power adapter.



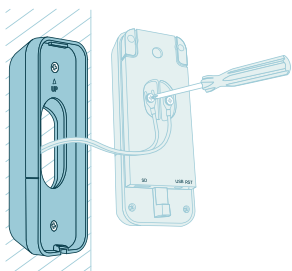
Mark the screw holes location for doorbell installation.



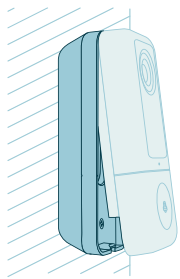
Drill a hole through the wall and lead the adapter wires out from inside.



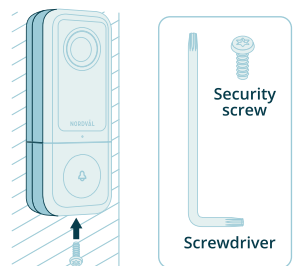
Lead the adapter wires through the brackets and install the brackets.



Attach the wires to the connectors on the rear of the doorbell.



Feed the wires back to the wall and Mount the doorbell to the bracket.



Insert the security screw into the bottom and tighten with the included tool.

FREQUENTLY ASKED QUESTIONS

Is the video doorbell powered by battery?
No, this video doorbell reuiquires constant hardwire power supply. Compared to battery powered doorbells, this wired video doorbell has more advanced features, like supporting full day recording, no delay quick response to visitor calls, and smaller in dimension, fitting into narrow door frames.

How to connect the hardwire to the doorbell? Does the cable order matter?
Your doorbell works with both DC 12V and AC 12V - 24V hardwire power source. There are 2 terminal screws on the rear of your doorbell, and you can connect each wire to each connector screw. The cable order doesn't matter.

I cannot set up the video doorbell to my WiFi network.
1. Device works with 2.4GHz WiFi only, but not support 5GHz WiFi.
2. WiFi signal is not strong enough, try to keep the video doorbell near the WiFi router when setting up.
3. The WiFi password is wrong. Please check if there are special characters in the password, or the network is specially encrypted.

How do I know if I have 2.4G or 5G WiFi?
Please check the user manual of your Router or call the network operator for help.

Does it work with Google Home or Alexa?
Yes. The Nordväl SH105 works with Google voice assistant as well as Amazon Alexa.

Can I only view my video doorbell when I am connected to the same WiFi network, or can I view it over internet from anywhere?
You can view the video doorbell from anywhere, as long as your doorbell is connected to the internet and you have internet connection on your smart device.

Do any of the recordings get saved to the cloud? Or is it mainly saved in the built-in SD card?
It supports SD card recording as well as cloud storage. You can activate the cloud storage service in App.

What happens when the SD is full?
When the memory card is full, the doorbell automatically erases the oldest footage.

Why does it lose connection to WiFi?
Please check the network connection of your smart deviceand the WiFi router. If the network signal is not strong enough, you may need to move your router closer to the video doorbell, or use extender.

Can motion detection be disabled?

Yes. Recording is triggered by detected motions. You can adjust the sensitivity or disable motion detection in the settings menu.

Can I use 2 or more doorbells in the same house?

Yes, you can add more than one Nordväl SH105 at the same house.

Push button LED light explanation;

Solid Red
Device is abnormal.

Solid Blue
Successfully connected to WiFi network.

Flashing Red Quickly
In WiFi setup process.

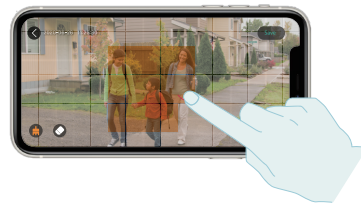
Flashing Red Slowly
Ready for WiFi configuration.

Flashing Blue Quickly
Firmware is upgrading.

Nothing
Power failure/
Status light is turned off
in doorbell Settings.

Does it support customized Motion Detection Zones?

Yes it does. Go to Settings --> Motion Detection --> Alarm Area. . Use your finger tips to draw one or more customized motion detection zones and save your settings, the orange zones are active motion detection zones.



How long is my video doorbell covered under warranty?

We provide a 24-month warranty on all our products after purchase (with some exceptions). Unfortunately we cannot treat products that have become defective due to incorrect use, fall damage, water damage, etc.

Share your video doorbell with other users

Steps: Settings --> Device Share --> Tap on " Add " --> Tap on " Account" --> Type in account ID --> Confirm Sharing.

Is your question not answered?

For more tips, go to: www.nordval.eu/en/products-faq/

SPECIFICATIONS SH105

Video doorbell

Product name	Nordväl SH105
Color/size	Black / 115 x 45 x 27mm
Weight	100g
Video resolution	2304 x 1296 px
Viewing angle	166° degrees
Sensor	1/3" CMOS
Lens	1.7mm
Motion sensor	Yes
Night Vision	High power LED with ICR
Stream quality	2K QHD
Audio	2-way audio
Noise cancellation	Yes
WDR	Yes
WiFi frequency	2.4GHz - 2.4835GHz
Standard	IEEE 802.11 b / g / n
Live View speed	Within 2-4 sec
Waterproof	Yes - IP65
Power	Hardwire 12V~24V AC or 12V DC
Power consumption	4.5W (Max)

Operating temperature	-20°C - 50°C
Humidity	<90% (no condensation)
Storage type	Micro SD card (max 128GB)
Cloud storage	Optional
Recording activated	By PIR motion sensor or Full Day Recording
Warranty	2 years

Chime

Color/size/weight	Black/Ø60 x 24mm/33g
Decibel	Maximum 100 dB
Frequency	433 MHz-868 MHz
Power supply	USB (type A)
Power consumption	0,2W
Connection	Wireless (RF)
Place of use	Indoors
Operating temperature	-30°C - 70°C
Humidity	<90% (no condensation)

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NORDVĀL

Smart technology