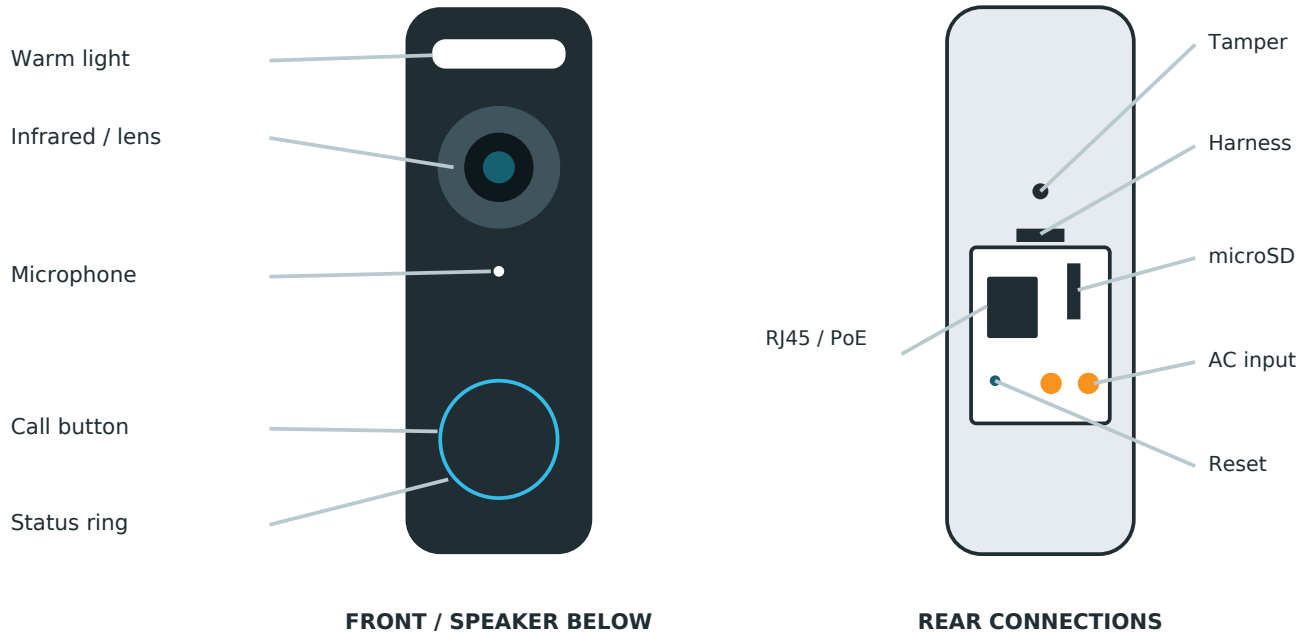


Meet your doorbell

NS-MD150 / SMART VIDEO DOORBELL

See visitors, answer calls and monitor your entrance using NETUS App. This guide covers installation, connection and everyday use.



Flat illustrations are schematic. Identify connectors using the markings on the supplied unit.

QUICK START

- | | |
|----------------------|---|
| 01 / Prepare & mount | Check the location and fit the mounting hardware. See page 2. |
| 02 / Connect | Choose Wi-Fi + AC power (page 3), or wired PoE (page 4).
Check power and optional interfaces on page 5. |
| 03 / Set up & use | Add the doorbell to NETUS App, configure recording and test calls.
See page 6 for daily use and troubleshooting. |

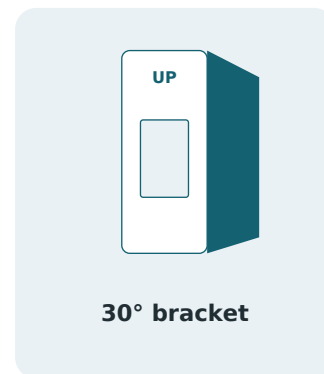
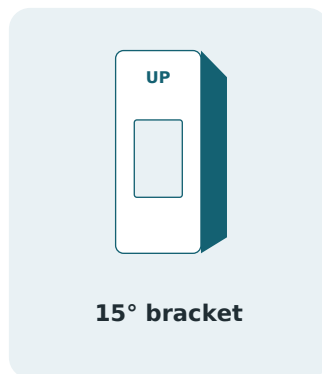
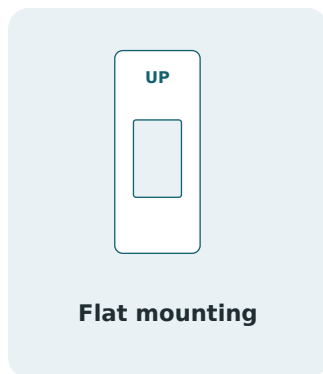
BEFORE YOU START

Disconnect AC and PoE before installation or card access. Use 12-24 V AC or IEEE 802.3af PoE; never connect mains AC directly.

Mount the doorbell

NS-MD150 / FLAT, 15° OR 30° INSTALLATION

Test the live camera view and Wi-Fi coverage at the door before drilling. Choose a height that shows visitors and the parcel area.



1 Choose the viewing angle

Use the flat plate for a straight-on view, or a 15° / 30° bracket for horizontal adjustment. Do not stack brackets unless approved by the manufacturer.

2 Mark and prepare the wall

Use the actual bracket to mark fixing holes and cable entry. Check for concealed services. Select drill size and fixings to suit the wall.

3 Secure the mounting hardware

Keep the UP mark upwards. Use wall plugs and long screws for the flat plate, and short screws at the angled-bracket fixing positions. Check the actual parts fit before tightening.

4 Route cables and attach the doorbell

Connect the selected power / network cable and any verified interfaces. Keep cables clear of the tamper button. Engage and secure the doorbell using its retaining feature.

5 Check the finished installation

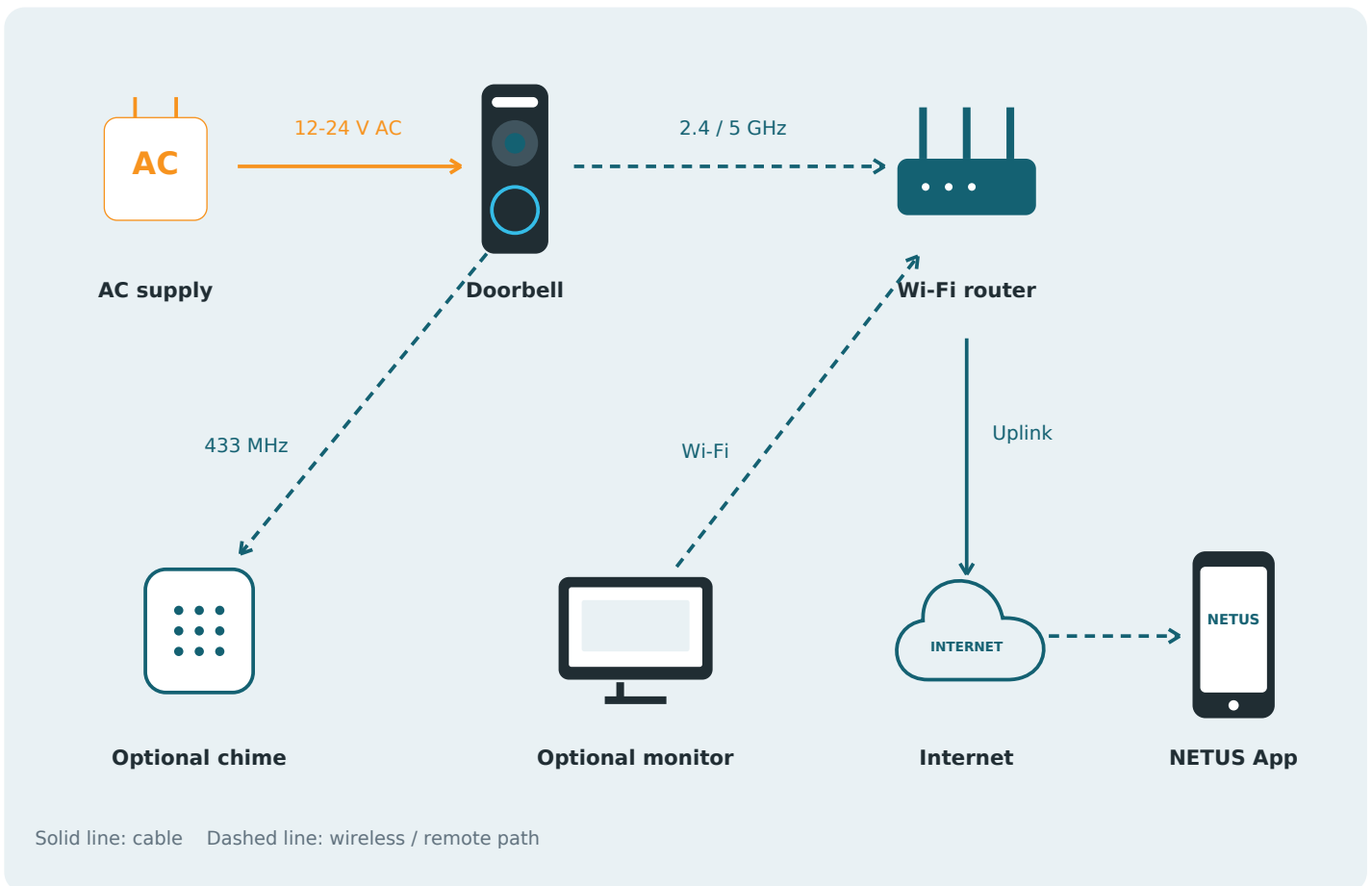
Confirm the unit cannot lift or pull away, the tamper actuator is seated and rear connections are protected from water. Keep the underside speaker clear.

Mounting height, drill diameter and screw torque are not specified in the supplied material. Use the actual hardware as the installation reference.

Connect over Wi-Fi

NS-MD150 / 12-24 V AC POWER + WIRELESS DATA

Use a suitable low-voltage AC supply to power the doorbell, and your home Wi-Fi for the network connection.



1 Connect AC power

Connect the low-voltage 12-24 V AC supply to the rear AC terminals. Keep the supply isolated until wiring is complete.

2 Join your home network

Power on and follow NETUS App Add Device prompts for the delivered firmware. Select the available 2.4 GHz or 5 GHz home Wi-Fi network.

OPTIONAL DEVICES

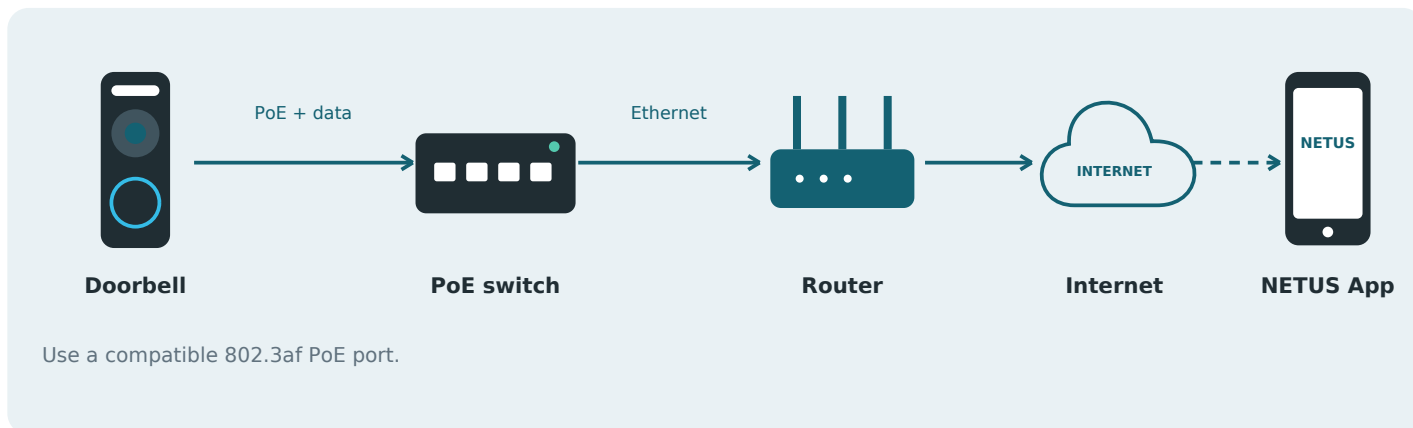
Chime and indoor monitor require compatibility confirmation. Keep the monitor on the same network. Remote app functions require internet access.

Connect with PoE

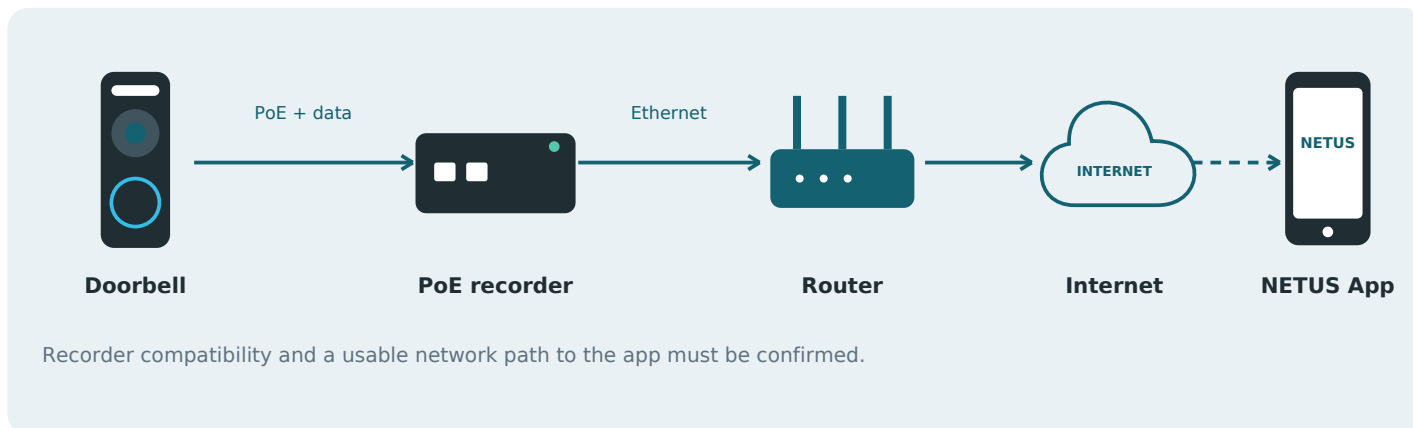
NS-MD150 / ONE CABLE FOR POWER AND DATA

Connect the doorbell to an IEEE 802.3af-compatible PoE port. Use the router for internet access and remote NETUS App functions.

A / PoE SWITCH CONNECTION



B / COMPATIBLE PoE RECORDER CONNECTION



OPTIONAL CONNECTIONS

Electronic chime

Doorbell to compatible chime: 433 MHz wireless.

Indoor monitor

Connect a compatible monitor to the same network via supported Wi-Fi or LAN. Confirm its own power requirements separately.

Solid lines show cables; dashed lines show remote communication. Network equipment, recorder, chime and monitor are not assumed to be included.

Power & interfaces

NS-MD150 / ELECTRICAL CONNECTION REFERENCE

CHOOSE ONE POWER METHOD

Low-voltage AC	12-24 V AC to the rear AC12~24V terminals. Verify supply capacity against the device rating. Never connect 110-240 V mains directly.
PoE	RJ45 to an IEEE 802.3af-compatible PoE switch, injector or compatible recorder. Do not use passive or undocumented PoE.
Power budget	Standby: 2.5 W (Wi-Fi only); maximum: 4 W (IR and speaker on). PoE maximum: ≤ 5 W. Do not connect AC and PoE simultaneously unless the manufacturer confirms support.

OPTIONAL SIX-WIRE HARNESS

	Purple	Data 1 / RS-485 A
	White	Data 2 / RS-485 B
	Red	Alarm In
	Black	GND
	Yellow	Lock COM
	Grey	Lock Out

Purple / white are shared Wiegand / RS-485 leads; the supplied image marks RS-485 as reserved. Confirm firmware support and the interface mode. Wiegand D0 / D1 mapping is not supplied.

BEFORE CONNECTING A LOCK OR ALARM

The source does not specify alarm-input voltage / type, lock-contact type, switching rating or NO / NC behaviour. Confirm these before connection. Do not assume the lock output supplies power.

Use wire labels and plug orientation on the actual harness. Insulate unused leads individually. Mains-side work should be completed by a suitably qualified installer.

Set up & use

NS-MD150 / NETUS APP, RECORDING & SUPPORT

1 Add the doorbell to NETUS App

Sign in to the owner's NETUS account and follow Add Device prompts for the delivered firmware. Complete the supported discovery / pairing process, then check the live view.

2 Enable recording and detection

Disconnect power before inserting a compatible TF / microSD card. Restore power, verify card recognition and back up recordings before formatting. Set time, detection area and sensitivity.

3 Test calls and optional accessories

Enable app and phone notification permissions. Test a doorbell call and two-way audio on home Wi-Fi, then on mobile data. Test the compatible chime / monitor if fitted; verify sharing permissions.

EVERYDAY USE

Answer a visitor	Open the incoming NETUS App call and use two-way audio to speak with the visitor.
Check your entrance	Open the device live view in NETUS App. Review recordings and events using the options available in your firmware.
Tune alerts	Adjust the detection area and sensitivity, then walk through the monitored area to check alerts. Face detection is not face-recognition access control.

QUICK TROUBLESHOOTING

No power / offline	Check the selected AC or PoE source, cable connections, router uplink and Wi-Fi credentials / coverage.
No alerts / recordings	Check phone and app notification permissions, detection settings, card recognition and recording settings.
Chime / reset	Check chime power and its model-specific pairing guide. A reset button is provided, but the reset sequence is not specified; obtain matching firmware instructions before resetting.

App menu names, pairing button timing and reset timing vary with firmware and are not defined in the supplied material. Follow the instructions for the delivered unit.