

NR7305
5G NR Outdoor Router



Quick Start Guide
English

Package Contents

- A** SIM Cover (Bottom Panel)
- Gigabit PoE Injector
- Plug
- B** Waterproof Plug
- Device
- C** Long Ethernet cable (outdoor)
- D** Short Ethernet cable (Indoor)
- Quick Start Guide

Mounting Kit

- E** x2 Dowels
- F** x2 Tapping Screws
M4x32mm
- G** x2 Hose Clamps

Support Information

<https://www.zyxel.com/service-provider/global/en/tech-support>



Go to <https://www.zyxel.com/service-provider/global/en/download-enquiry> to request a User's Guide for configuration assistance and related safety warnings.

EU Importer
Zyxel Communications A/S
Gladsaxevej 378, 2. th. 2860 Søborg, Denmark.

US Importer
Zyxel Communications, Inc
1130 North Miller Street Anaheim, CA 92806-2001
<https://www.zyxel.com/service-provider/>

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Zyxel One App

Scan to Download

Zyxel One

Available on the iPhone
 App Store

GET IT ON
 Google Play

EN Use the app to set up the Device in the best location with optimal signal strength.
Note: Wi-Fi is for local management only. Wi-Fi turns off automatically after 30 minutes. Restart the Device if you need to enable Wi-Fi again.

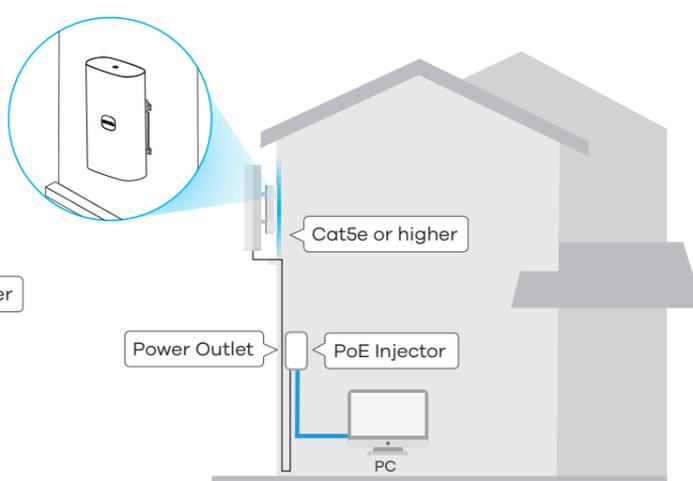
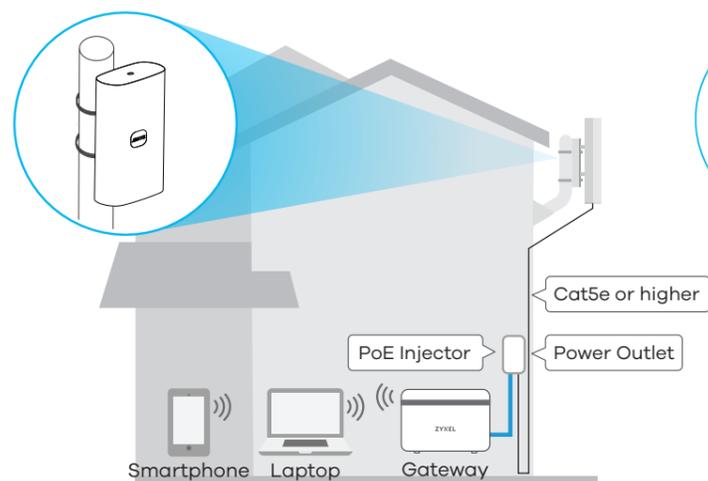


! If you see a prompt in Zyxel One to choose cellular or Wi-Fi for the Internet connection, choose Wi-Fi.

Location examples

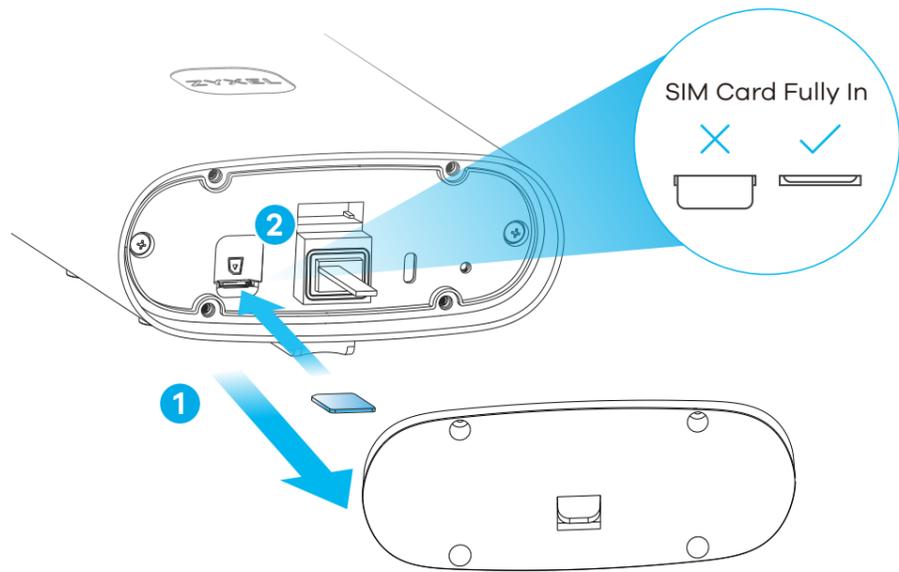
Pole Mounting

Wall / Glass Mounting



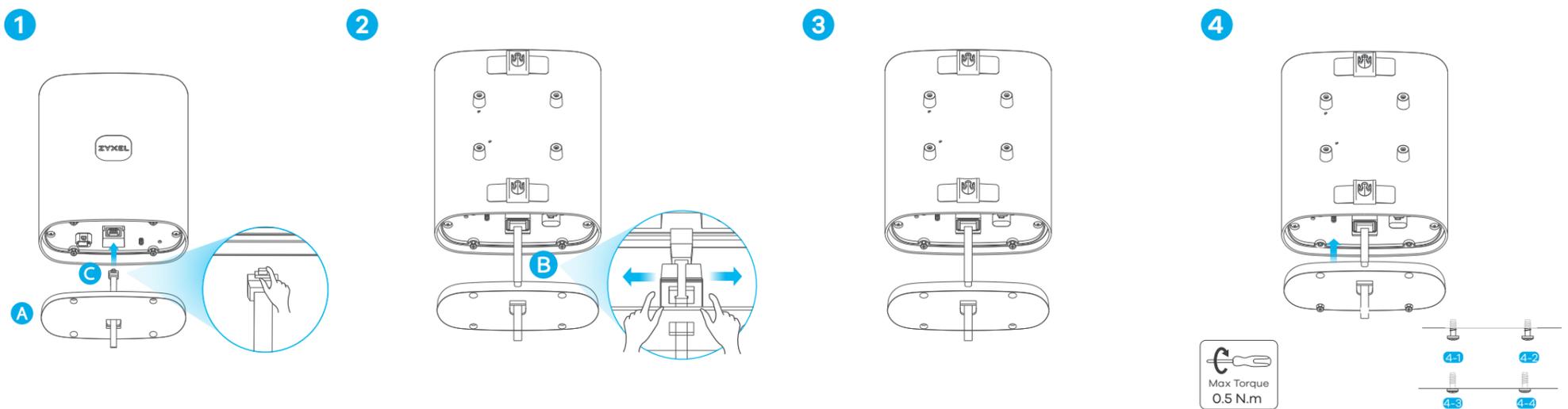
EN Place the Device in an open area free of obstacles, and adjust the angle to point the front panel towards the base station to have the strongest possible 5G NR signal.

STEP 1 SIM card installation



- EN
- ① First, unscrew the SIM cover (bottom panel) from the Device.
 - ② Make sure there is no Ethernet cable connected, providing power using PoE. Insert your Nano/4FF SIM card provided by 5G NR ISP (internet service provider) into the SIM card slot. Make sure the SIM card is fully inserted into the slot.

STEP 2 Ethernet Cable Connection



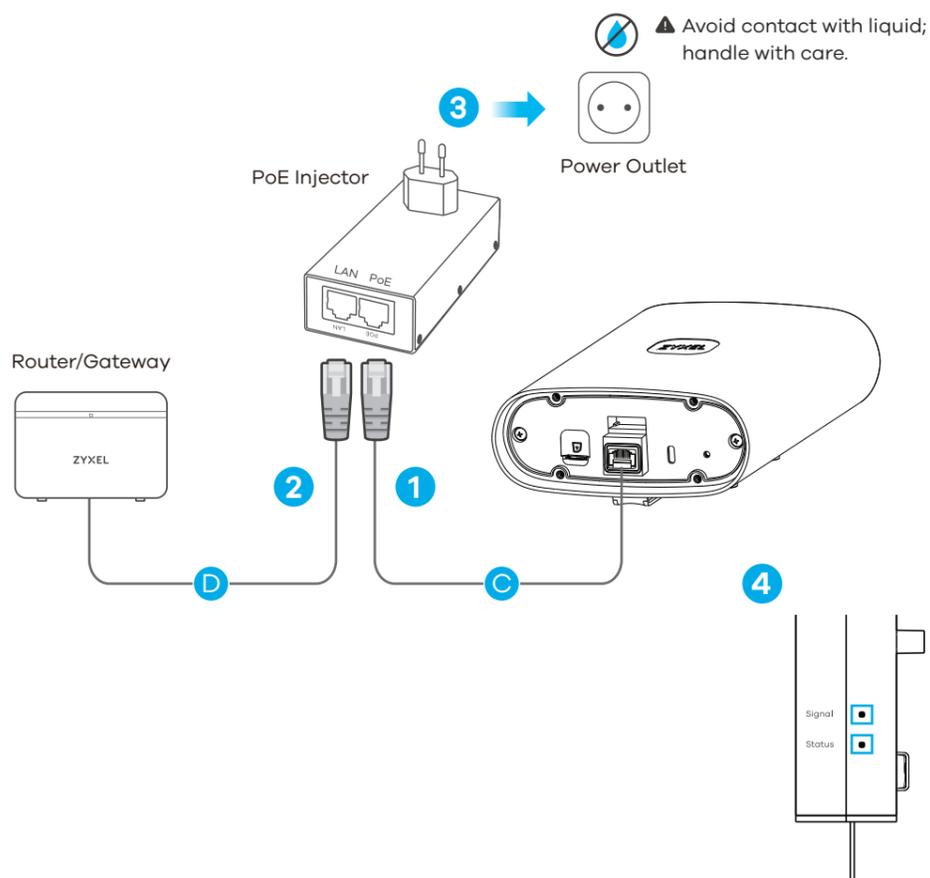
EN Press down the tab of the Ethernet cable **C** and pass it through the SIM cover **A**.

Turn the Device upside down so the mounting side is facing up. Open and attach the waterproof Plug **B** to **C** with the open side facing up.

Insert **C** into the LAN (PoE) port of the Device and then secure the waterproof plug **B** into place.

Finally, screw **A** tightly onto the Device.

STEP 3 PoE Cable Connection



- EN
- ① Connect the other end of Ethernet cable **C** to the provided PoE injector's PoE port.
 - ② Use the short Ethernet cable **D** to connect the injector's LAN port to a router/gateway.
 - ③ Connect the PoE injector to a power outlet.
 - ④ Check the LEDs on the side panel.

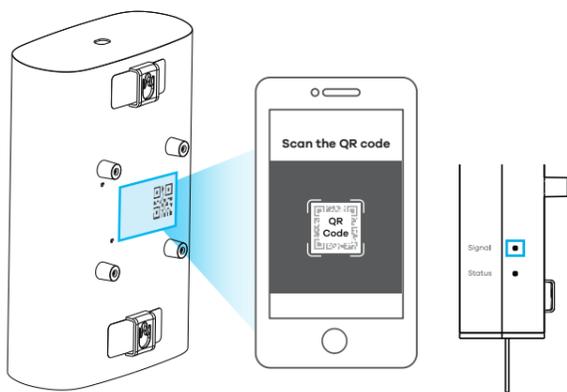
Signal and Status LEDs Indicator Table

Signal	Green	On - Good 5G signal Blinking - Good 4G signal
	Amber	Steady - Fair 5G signal Blinking - Fair 4G signal
	Red	Steady - Low 5G signal Blinking - Low 4G signal
	---	Off - Not connected to the Internet
Status	Green	On - Connected to the Internet with Wi-Fi off Blinking - Trying to connect to the Internet with Wi-Fi off Slow - Booting
	Amber	On - Connected to the Internet with Wi-Fi on Blinking - Trying to connect to the Internet with Wi-Fi on
	Red	On - System error
	---	Off - Power is off
	All	Looping - Upgrading Firmware

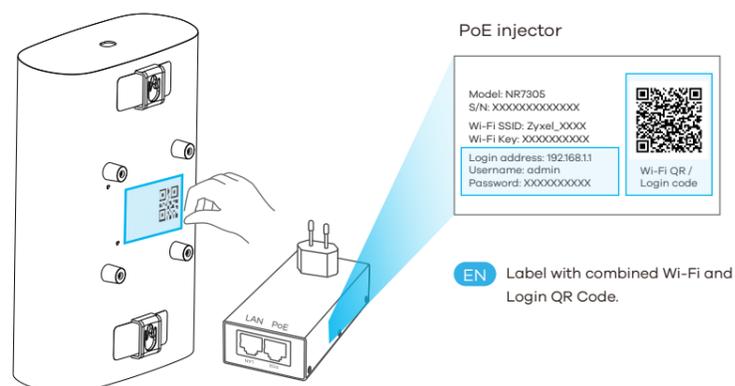
STEP 4

Initial Setup with the Zyxel One App and Wi-Fi

1



2

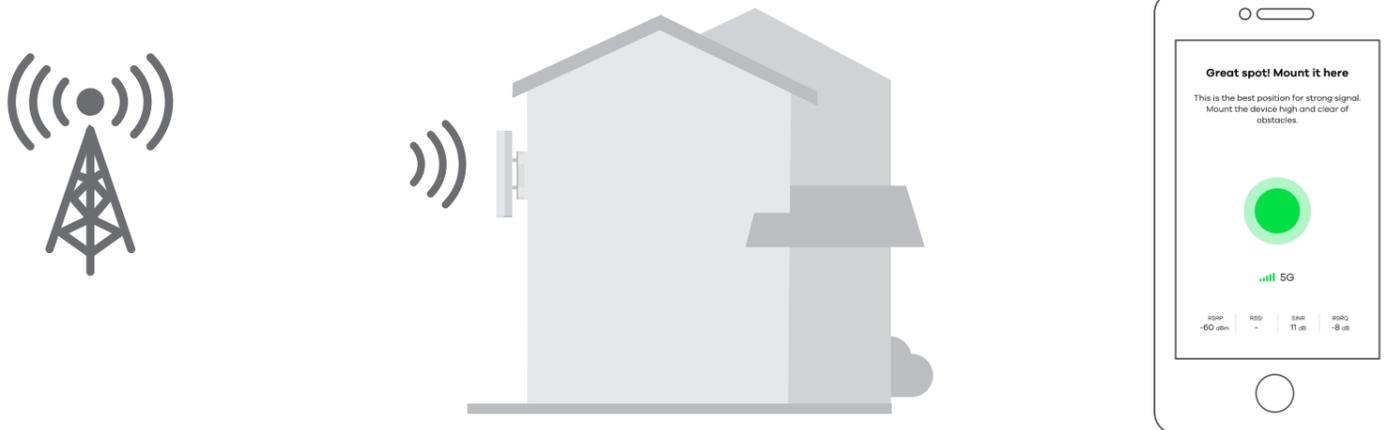


EN Use the Zyxel One app to scan the QR code on the Device label to connect to the Device Wi-Fi and log into the Zyxel One app with the default username and password. If you can't connect to the Device Wi-Fi, check the signal LED to see if Wi-Fi is on (see the LED table). If not, reboot the Device to enable Wi-Fi.

Remove the label from the back of the Device and stick it on the PoE injector. As an alternative to the Zyxel One app, you can manage the Device using your web browser with the Web Configurator.

STEP 5

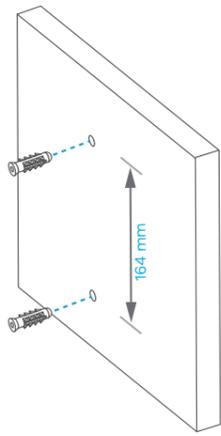
Find the optimal signal with the Zyxel One app



EN Before mounting your Device, find the location that receives the best signal.

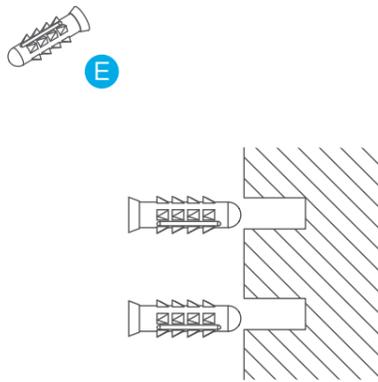
Option 1: Wall Mounting

1



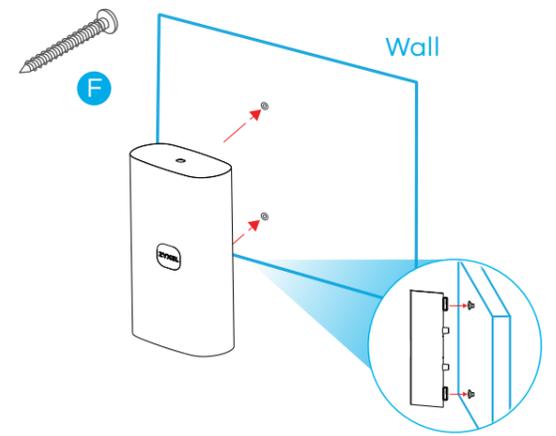
EN Using the Device, mark 2 points on the wall and drill the appropriate holes.

2



Insert the dowels **E** and secure the screws **F** into the drilled holes.

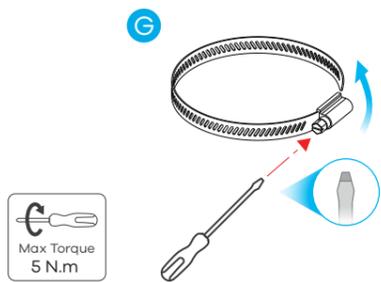
3



Hang the Device securely on the screws.

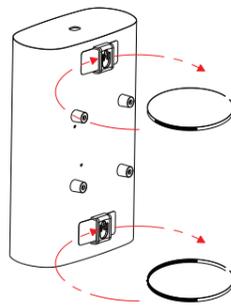
Option 2: Pole Mounting

1



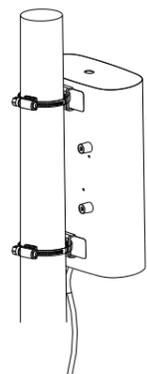
EN Wear protective gloves when using the **G** hose clamps. First, use a 5mm flathead screwdriver to open the hose clamps.

2



Then, put a **G** hose clamps through the mounting hole on the back of the Device and around the pole. Use a 5mm flathead screwdriver to loosely close the hose clamp. Repeat steps 2 and 3 for the second hose clamp.

3



Use the app to find the best height and angle of the Device so that it receives the best signal. Then, tighten the **G** hose clamps to secure the Device to the pole.

Option 3: Advanced Wall Mounting (Optional)

a Device Bracket



x1

e M3 Topping Screw



x2

b Wall bracket



x1

f Round Head Screw



x1

c Nylon Wall Plugs



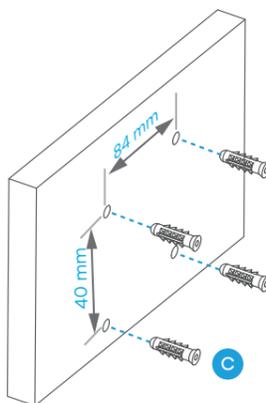
x4

d M4 Tapping Screws

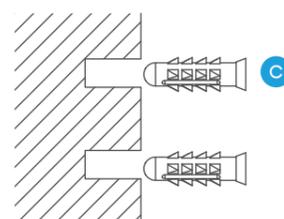


x4

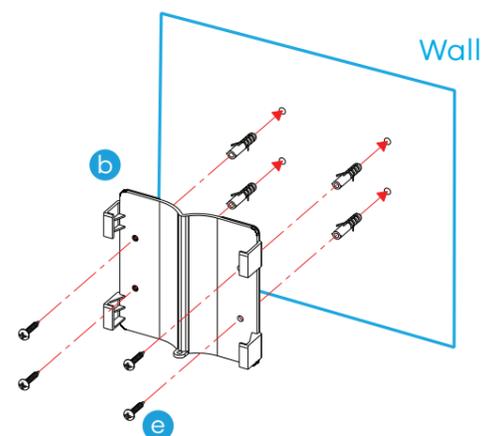
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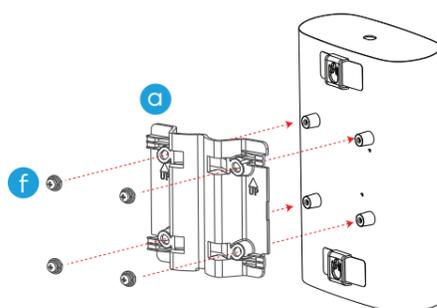
2



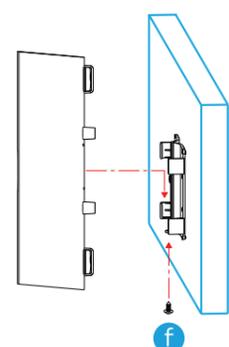
3



4



5



EN ① Using the wall bracket **b**, mark four points on the wall and drill the appropriate holes.
② Insert the four dowels **c** into the drilled holes.
③ Use the M4 tapping screws **d** to secure the wall bracket **b** to the wall.

④ Use the round head screws **f**, springs, and plain washers to attach the device bracket **a** to the back of the Device.
⑤ Place the Device so the device bracket lines up with the wall bracket and slide down gently. Use the M3 tapping screw **e** to secure the device bracket to the wall bracket through the bottom hole.

Option 4: Advanced Pole Mounting (Optional)

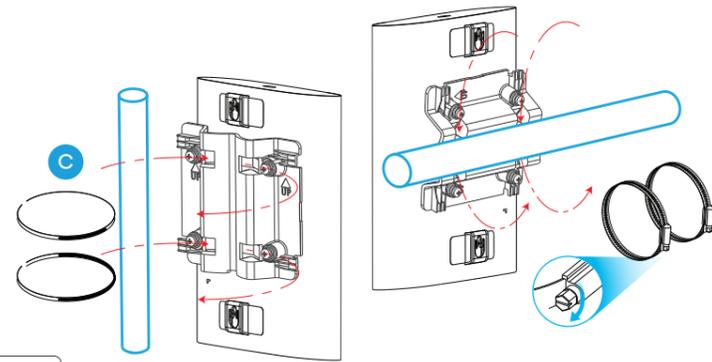
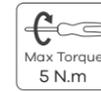
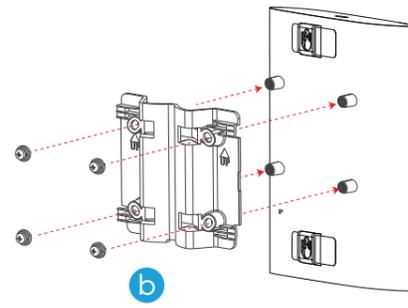
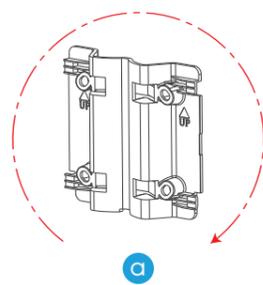
a Device Bracket



b Round Head Screw



c Hose Clamps



- EN ① Select the mounting direction based on the pole type (horizontal or vertical).
- ② Use the four M4 round head screws with spring & plain washers **b** to attach the device bracket to the back of the Device.

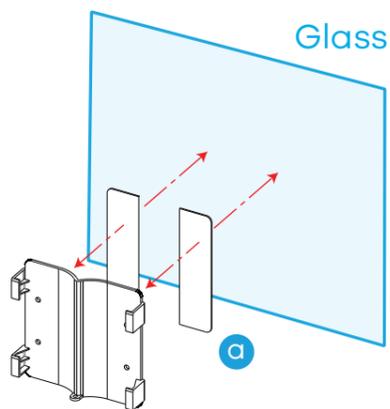
- ③ Insert the hose clamps **c** into the holes on the device bracket.

Option 5: Advanced Glass Mounting (Optional)

a Strip of Tape



1

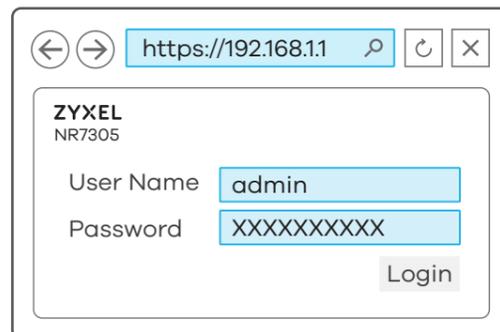


- EN ① Remove the adhesive backing protection and attach the Strip of Tape **a** to the back of the wall bracket. Remove the backing from the self-adhesive front and stick the wall bracket onto the glass.
- Note:** Make sure the glass surface is clean and dry before putting on the Strip of Tape.
- Please wait a minimum of 20 minutes for 50% adhesion, and ideally 72 hours for 100% adhesion, before attaching the Device.
- ② Now follow instructions **4** and **5** from the wall mounting description to securely attach the Device to the wall bracket.

Configuring by the Web Configurator

 <https://192.168.1.1>

 User Name: **admin**
Login Password: **XXXXXXXXXX**



- EN Open a web browser and go to <https://192.168.1.1>. Enter the default user name (admin) and password (see label), and then click **Login**.