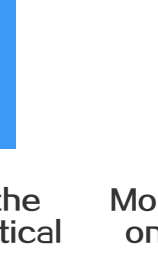
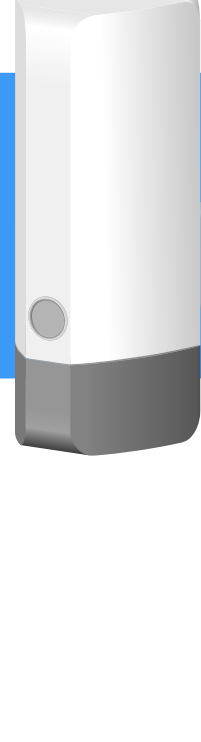
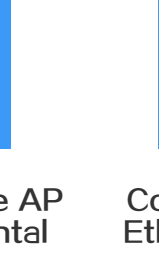


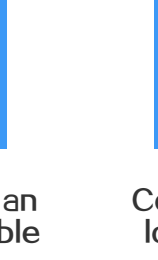
H3C WA6120X Access Point Installation Quick Start-AW100



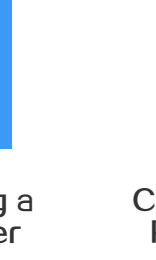
Installation tools



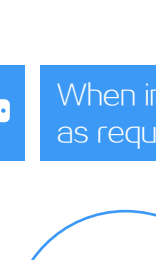
Installation accessories



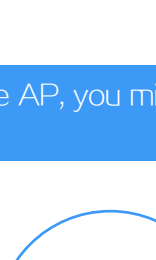
Device/Mounting bracket



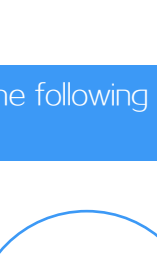
Mounting the AP on a wall



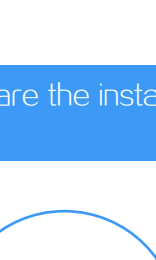
Mounting the AP on a vertical pole



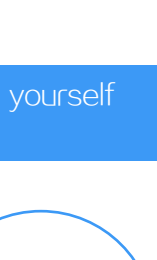
Mounting the AP on a horizontal pole



Connecting an Ethernet cable



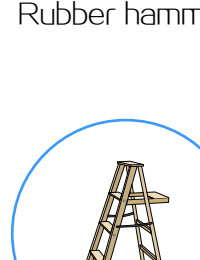
Connecting a local power source



Connecting a PoE power source

Installation tools

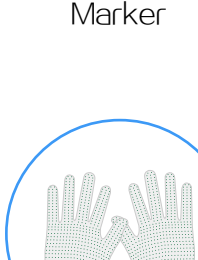
When installing the AP, you might need the following tools. Prepare the installation tools yourself as required.



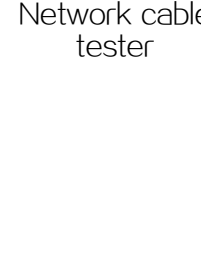
Torque screwdriver



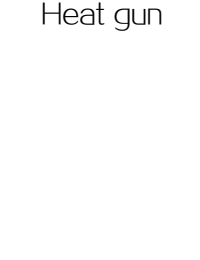
Needle-nose pliers



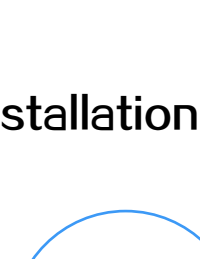
Crimping tool



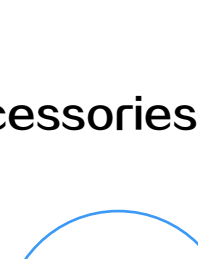
Hammer drill



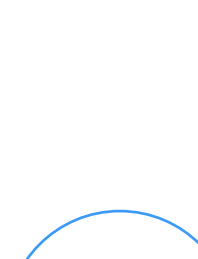
Wire stripper



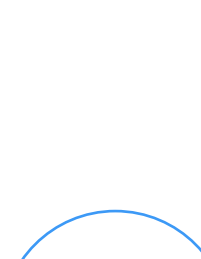
Rubber hammer



ESD wrist strap



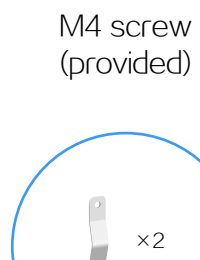
Marker



Network cable tester



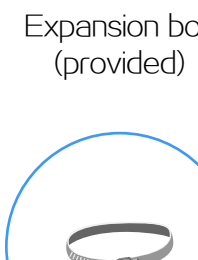
Heat gun



Ladder

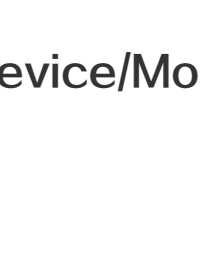


Wrench



Nonslip gloves

Installation accessories



M4 screw (provided)



M6 screw (provided)



Expansion bolt (provided)



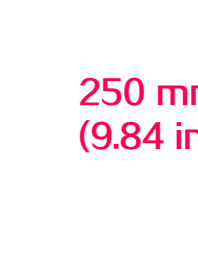
Liquid-tight adapter (provided)



Grounding cable (provided)



Clamp bracket (provided)



Mounting bracket (provided)

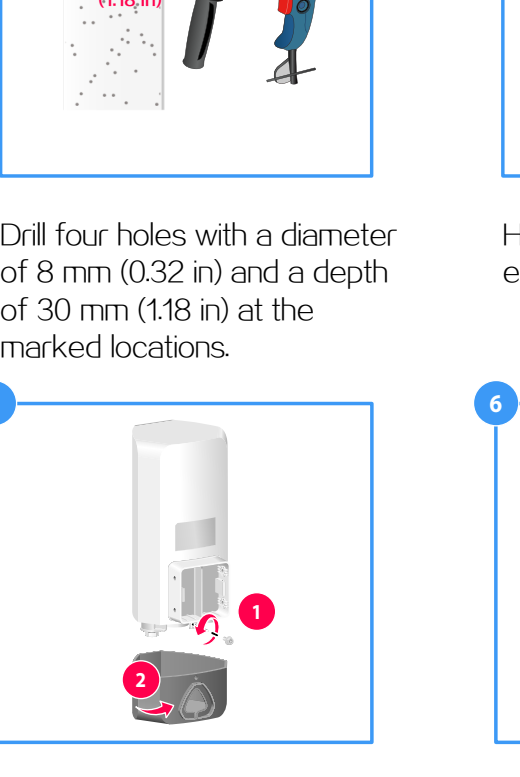


Band clamp (user supplied)



Weatherproof tape (user supplied)

Device/Mounting bracket



Mounting the AP on a wall

- Mark installation hole locations on the wall.
- Drill four holes with a diameter of 8 mm (0.32 in) and a depth of 30 mm (1.18 in) at the marked locations.
- Hammer a screw anchor into each hole.
- Hang the mounting bracket on the expansion bolts, and then fasten the screws to secure the mounting bracket to the wall.
- Remove the fastening (grounding) screw on the AP rear and base.
- Feed the cables (including the Ethernet cable and power cord) through the triangular hole in the base, and then connect the cables to the AP.

Correctly connecting the grounding cable is crucial to lightning protection and EMI protection. Before connect the power cord to the AP, make sure the AP is reliably grounded. For more information, see "Grounding and lightning protection."

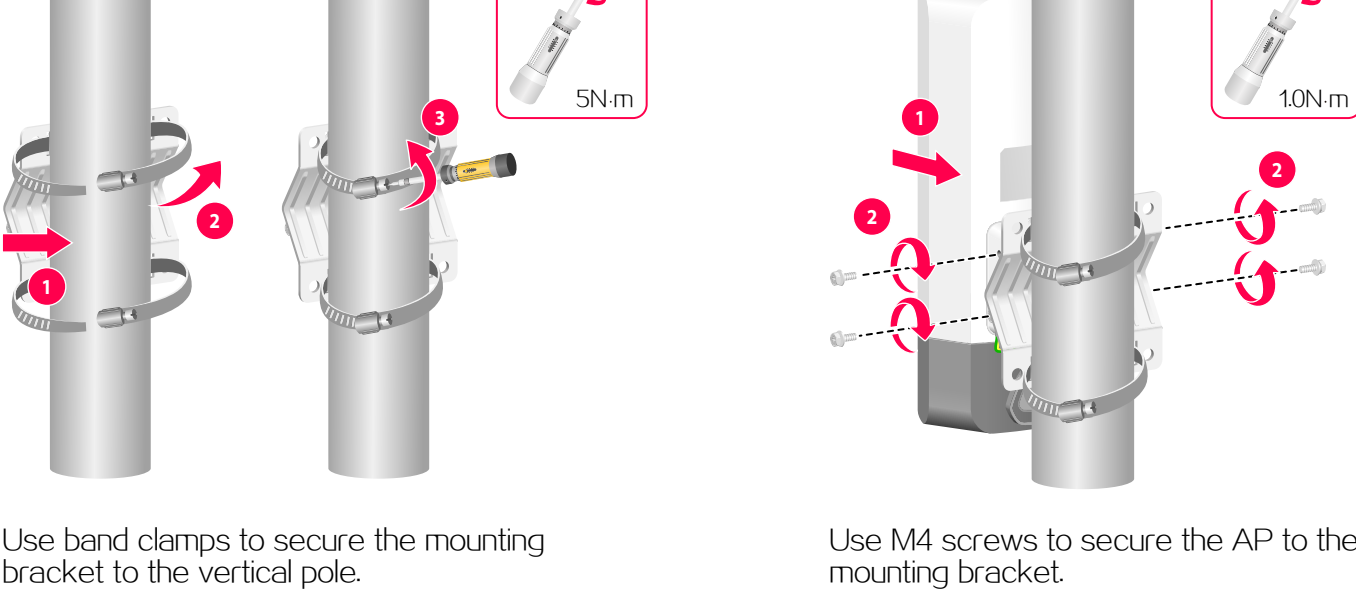
- Use the fastening (grounding) screw to secure the base and one end of the grounding cable to the AP.
- Use M4 screws to secure the device and the other end of the grounding cable to the mounting bracket.

Mounting the AP on a vertical pole

For how to connect cables and the grounding cable to the AP and the connection order, see "Mounting the AP on a wall." Typically, you can mount the AP on a vertical pole or a horizontal pole.

1. Mounting the AP by using a mounting bracket

The provided mounting kit supports poles with a diameter of 30 to 60 mm (1.18 to 2.36 in).

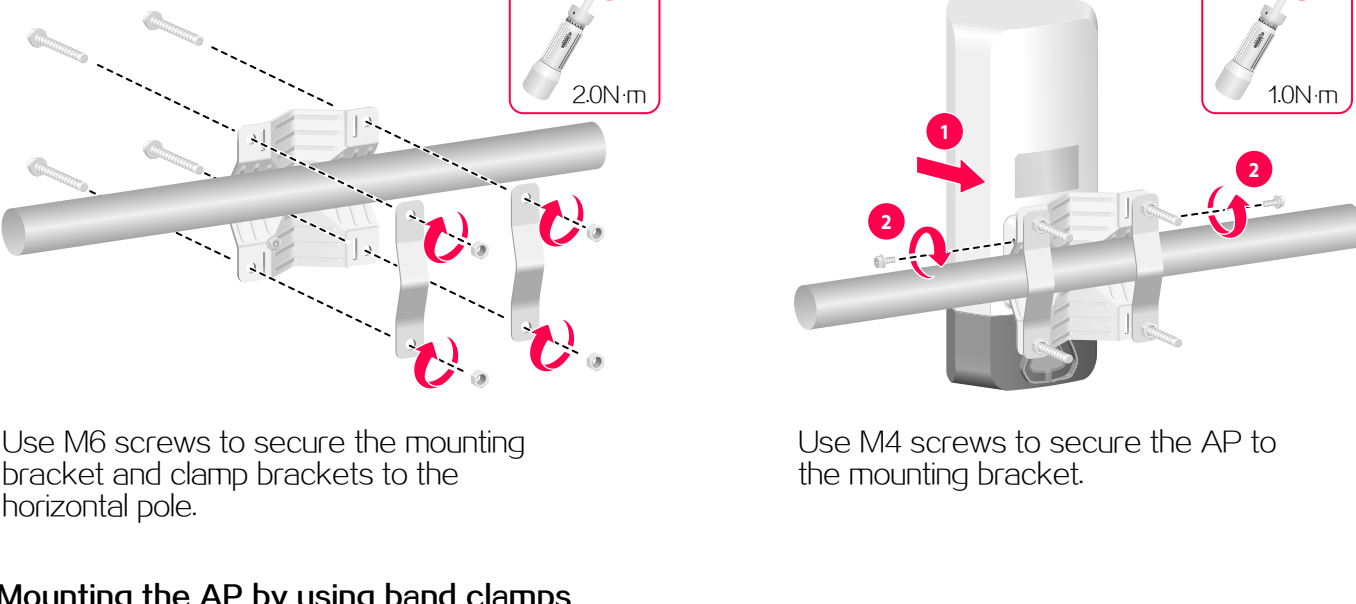


Use M6 screws to secure the mounting bracket and clamp brackets to the vertical pole.

Use M4 screws to secure the AP to the mounting bracket.

2. Mounting the AP by using band clamps

The band clamps support poles with a diameter of 60 to 200 mm (2.36 to 7.87 in). Prepare band clamps yourself as required.



Use band clamps to secure the mounting bracket to the vertical pole.

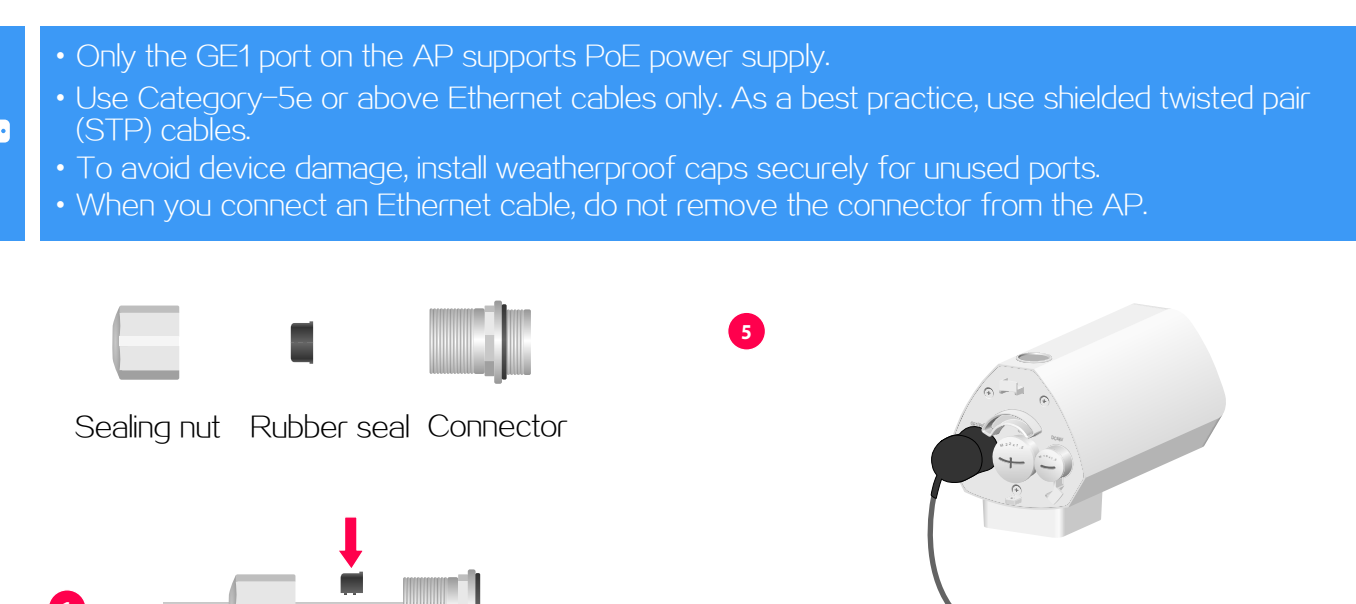
Use M4 screws to secure the AP to the mounting bracket.

Mounting the AP on a horizontal pole

For how to connect cables and the grounding cable to the AP and the connection order, see "Mounting the AP on a wall." Typically, you can mount the AP on a vertical pole or a horizontal pole.

1. Mounting the AP by using a mounting bracket

The provided mounting kit supports poles with a diameter of 30 to 60 mm (1.18 to 2.36 in).

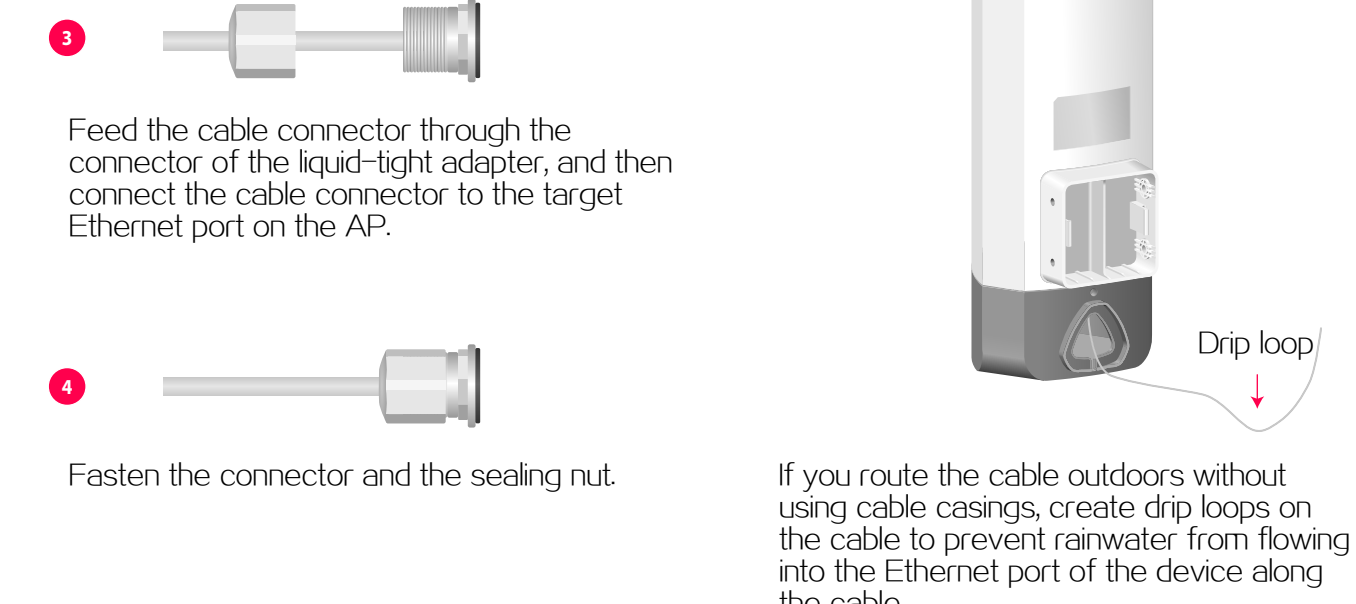


Use M6 screws to secure the mounting bracket and clamp brackets to the horizontal pole.

Use M4 screws to secure the AP to the mounting bracket.

2. Mounting the AP by using band clamps

The band clamps support poles with a diameter of 60 to 200 mm (2.36 to 7.87 in). Prepare band clamps yourself as required.

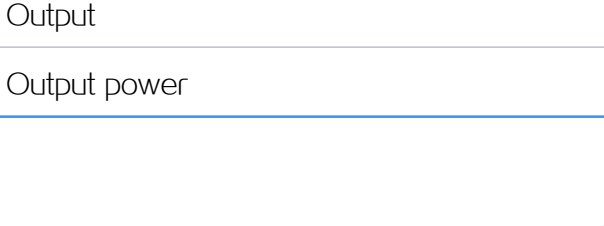


Use band clamps to secure the mounting bracket to the vertical pole.

Use M4 screws to secure the AP to the mounting bracket.

Connecting an Ethernet cable

- Only the GE1 port on the AP supports PoE power supply.
- Use Category-5e or above Ethernet cables only. As a best practice, use shielded twisted pair (STP) cables.
- To avoid device damage, install weatherproof caps securely for unused ports.
- When you connect an Ethernet cable, do not remove the connector from the AP.

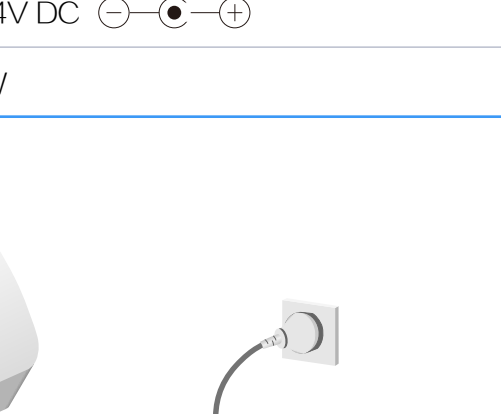


Disassemble the liquid-tight adapter and put the rubber seal aside, and then feed the cable through the sealing nut.

Attach the rubber seal to the cable, and then insert the rubber seal into the connector.

Feed the cable connector through the connector of the liquid-tight adapter, and then connect the cable connector to the target Ethernet port on the AP.

Fasten the connector and the sealing nut.



Start wrapping at the top of the liquid-tight adapter until the entire liquid-tight adapter is wrapped. Smooth the tape edges to ensure full adhesion.

As a best practice to avoid water accumulation, cut an opening at the bottom of the PVC pipes every 6 m (19.69 ft) if you route the cable by using PVC pipes.

If you route the cable outdoors without using cable casings, create drip loops on the cable to prevent rainwater from flowing into the Ethernet port of the device along the cable.

Connecting a local power source

- As a best practice, power the AP through PoE.
- To avoid device damage, make sure the weatherproof cap is installed securely on the power port if you do not supply power by using a local power source.
- Use a power adapter with outdoor lightning protection as the local power source. Install an M16 liquid-tight adapter on the power cord. For how to install a liquid-tight adapter, see "Connecting an Ethernet cable."
- No M16 liquid-tight adapter or power adapter is provided with the AP. Prepare them yourself as required.

Power adapter specifications:

Item	Specification
Input	100-240V AC
Output	48-54V DC
Output power	>20W

Connecting a PoE power source

To power the AP through PoE, use an Ethernet cable to connect an Ethernet port on a PoE switch to the GE1/PoE port on the AP.

