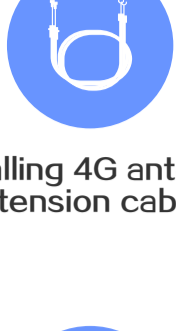
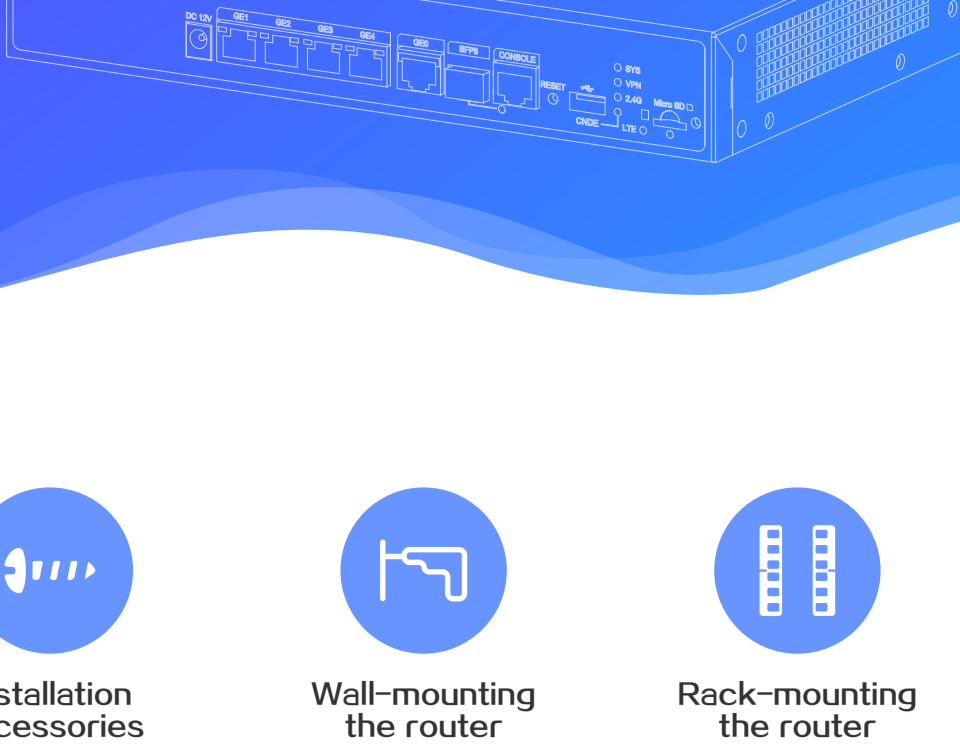
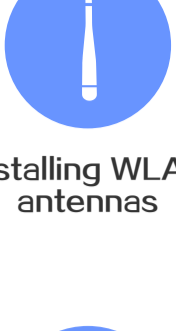


H3C MSR810 Routers Installation Quick Start 6W109



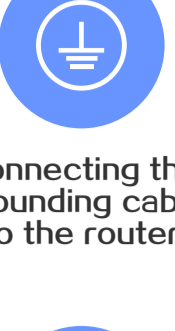
Tool list



Installation accessories



Wall-mounting the router



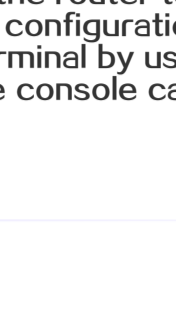
Rack-mounting the router



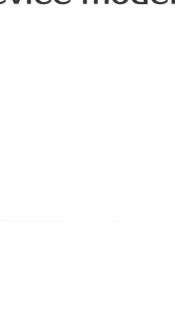
Workbench-mounting the router



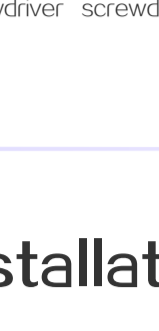
Installing a SIM card



Installing a micro SD card/SD card



Installing 4G antennas



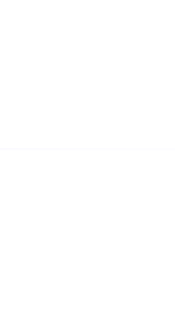
Installing 4G antenna extension cables



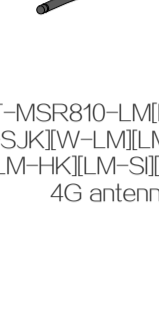
Installing WLAN antennas



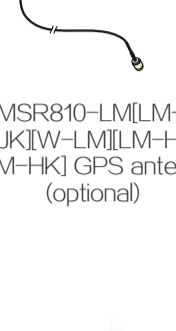
Installing a GPS antenna



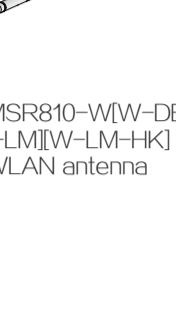
Connecting the grounding cable to the router



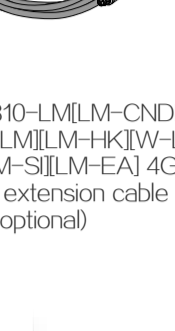
Connecting the power adapter



Connecting an Ethernet cable



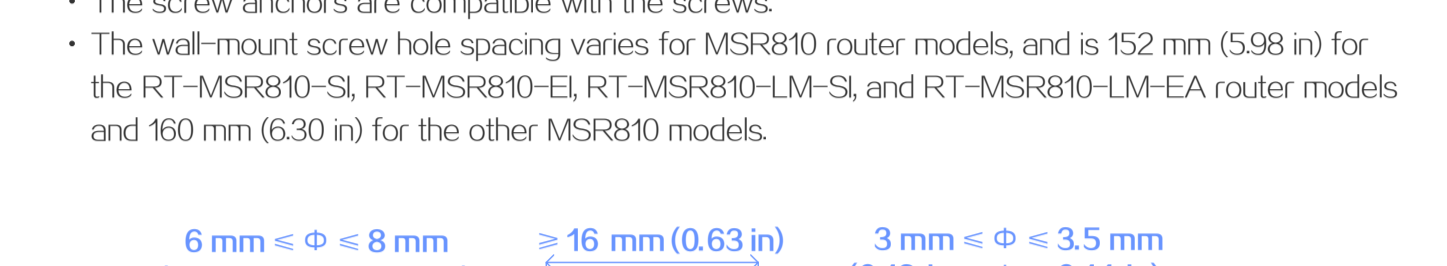
Connecting the router to a configuration terminal by using the console cable



Applicable device models

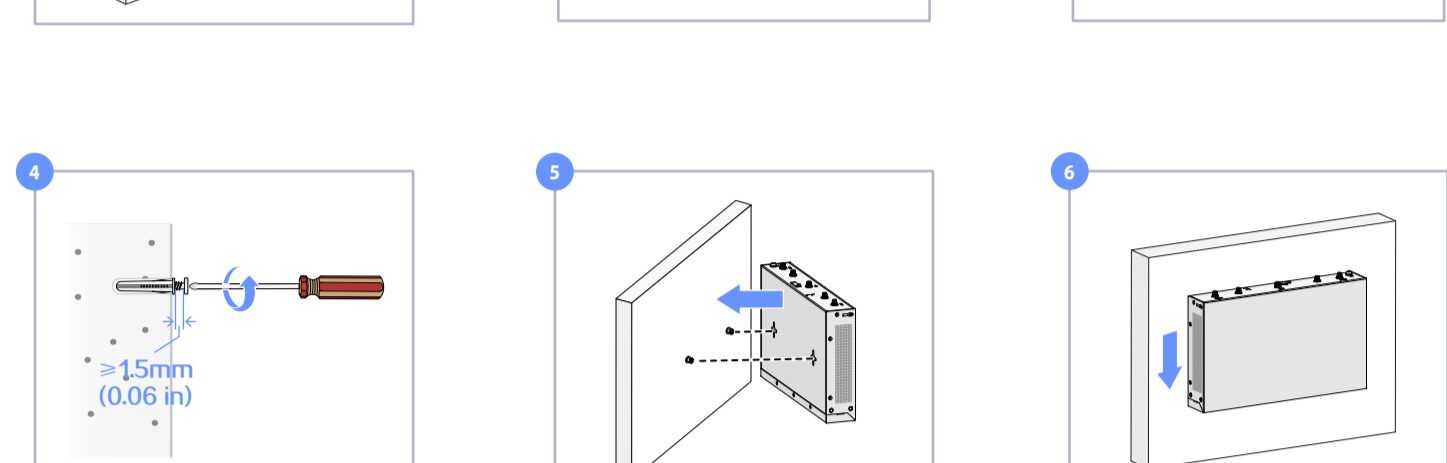
Tool list

The installation tools are not provided with the router. Prepare them yourself as required.



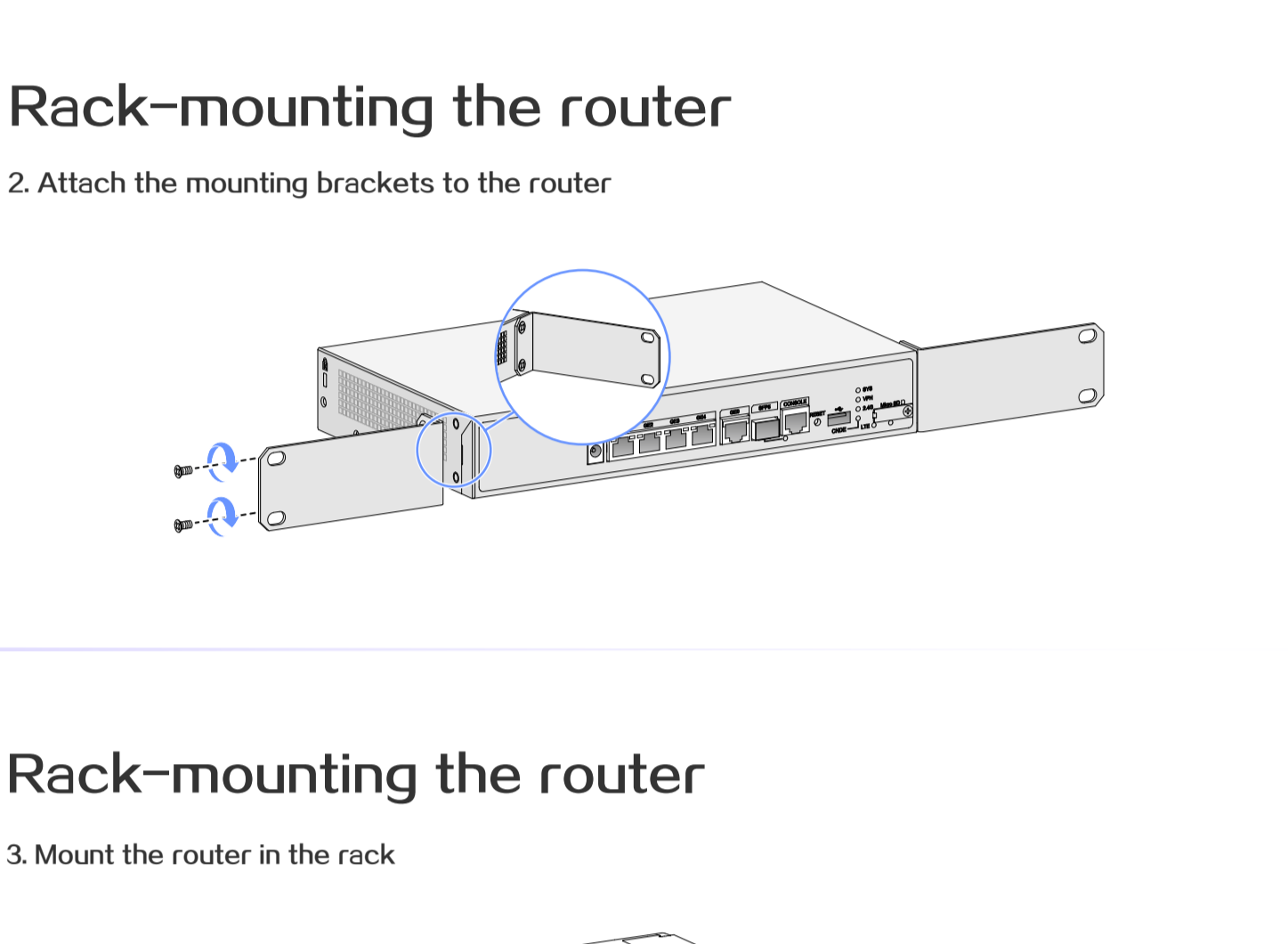
Installation accessories

Wear an ESD wrist strap, and make sure the wrist strap makes good skin contact and is reliably grounded.



Wall-mounting the router

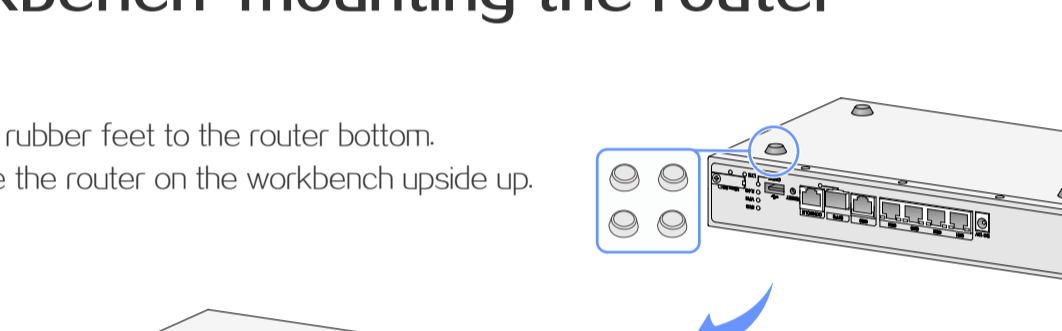
- When you mount the router on a wall, make sure the Ethernet ports face downwards and the two sides with ventilation holes are perpendicular to the ground.
- An RT-MSR810-10-PoE router does not support wall mounting.
- The screw anchors are compatible with the screws.
- The wall-mount screw hole spacing varies for MSR810 router models, and is 152 mm (5.98 in) for the RT-MSR810-SI, RT-MSR810-EI, RT-MSR810-LM-SI, and RT-MSR810-LM-EA router models and 160 mm (6.30 in) for the other MSR810 models.



Rack-mounting the router

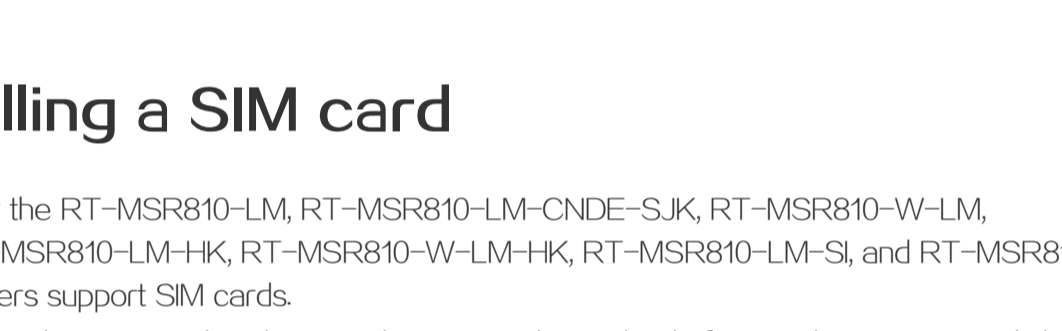
1. Install cage nuts

Only an RT-MSR810-10-PoE router comes with mounting brackets. Mounting brackets are optional for other MSR810 router models.



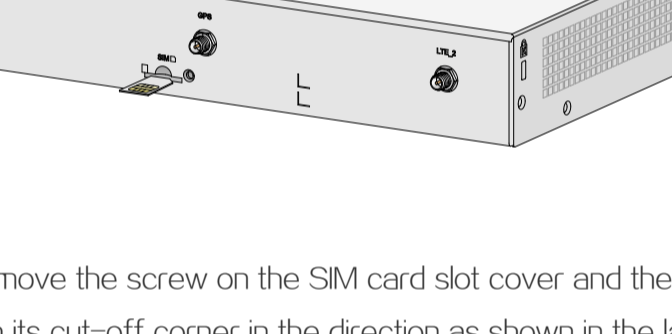
Rack-mounting the router

2. Attach the mounting brackets to the router



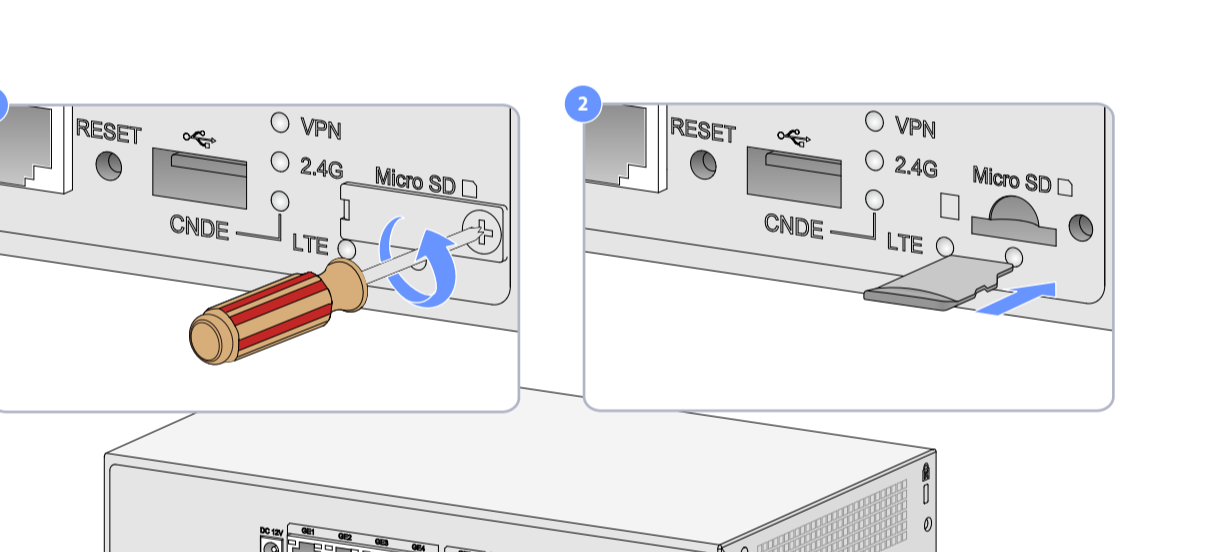
Rack-mounting the router

3. Mount the router in the rack



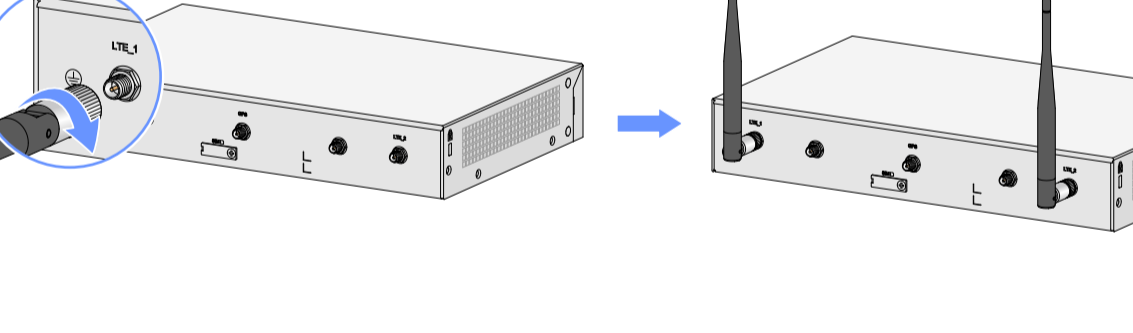
Workbench-mounting the router

Attach the rubber feet to the router bottom. Then place the router on the workbench upside up.



Installing a SIM card

- Only the RT-MSR810-LM, RT-MSR810-LM-CNDE-SJK, RT-MSR810-W-LM, RT-MSR810-LM-HK, RT-MSR810-W-LM-HK, RT-MSR810-LM-SI, and RT-MSR810-LM-EA routers support SIM cards.
- If a card tray is used, make sure the SIM card completely fits into the tray to avoid slot damage.



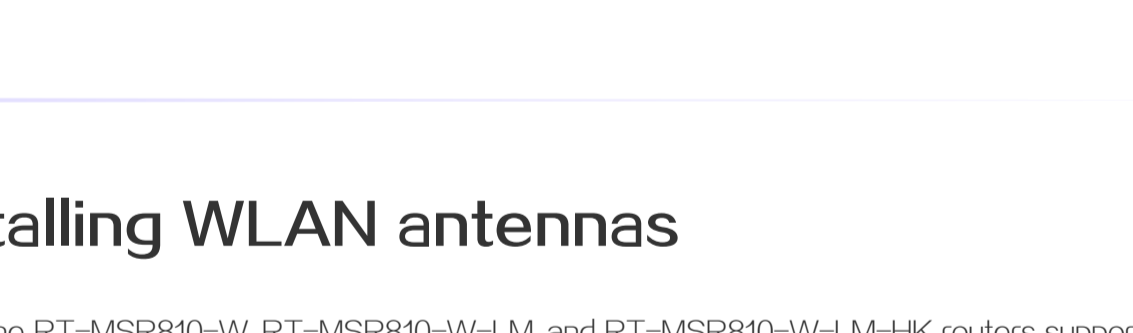
To install a SIM card:

1. Use a screwdriver to remove the screw on the SIM card slot cover and then remove the cover.

2. Insert the SIM card with its cut-off corner in the direction as shown in the label above the slot. Then, insert the SIM card into the slot and reinstall the cover.

Installing a micro SD card/SD card

The RT-MSR810-SI, RT-MSR810-EI, RT-MSR810-LM-SI, and RT-MSR810-LM-EA route models do not support installation of a micro SD card or SD card. The other MSR810 models support installation of a micro SD card except the RT-MSR810-10-PoE model that supports installation of an SD card.

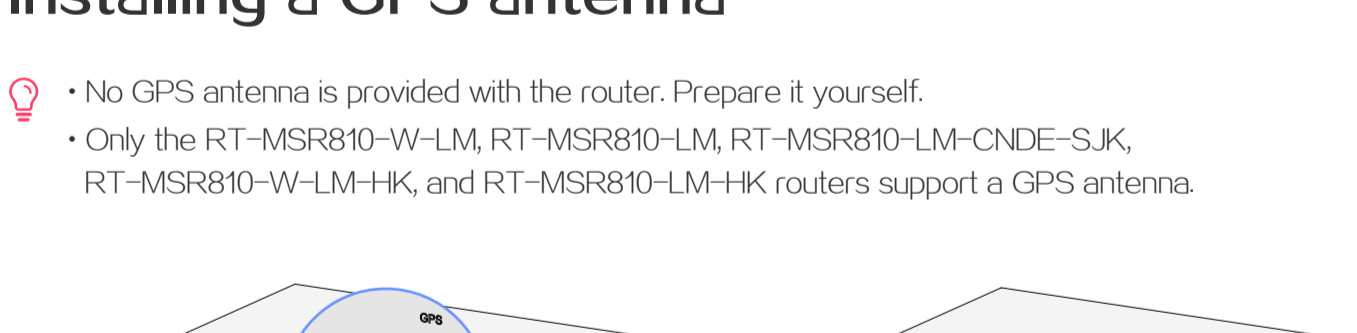


Remove the micro SD card or SD card slot cover, insert the card into the slot, and reinstall the cover.

Installing 4G antennas

Only the RT-MSR810-LM, RT-MSR810-LM-CNDE-SJK, RT-MSR810-W-LM, RT-MSR810-LM-HK, RT-MSR810-W-LM-HK, RT-MSR810-LM-SI, and RT-MSR810-LM-EA routers support 4G antennas.

Attach the 4G antennas to the router and fold each antenna to an angle of 90 degrees.



Installing 4G antenna extension cables

- Only the RT-MSR810-LM, RT-MSR810-LM-CNDE-SJK, RT-MSR810-W-LM, RT-MSR810-LM-HK, RT-MSR810-W-LM-HK, RT-MSR810-LM-SI, and RT-MSR810-LM-EA routers support 4G antenna extension cables.
- Do not install 5 m (16.40 ft) and 10 m (32.81 ft) 4G antenna extension cables in the same device.

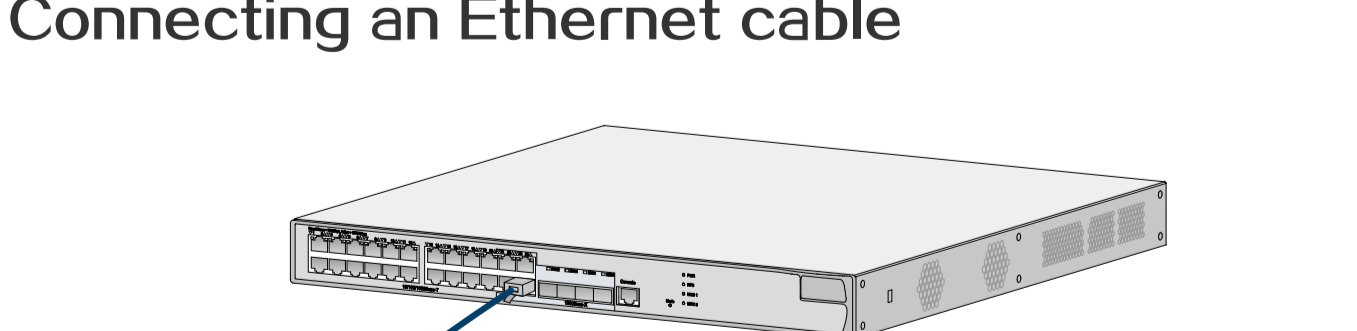
Connect the SMA male connector (labeled with the cable barcode) of a 4G antenna extension cable to the device and connect the SMA female connector of the cable to a 4G antenna. Use the same method to install the other 4G antenna extension cable in the device.



Installing WLAN antennas

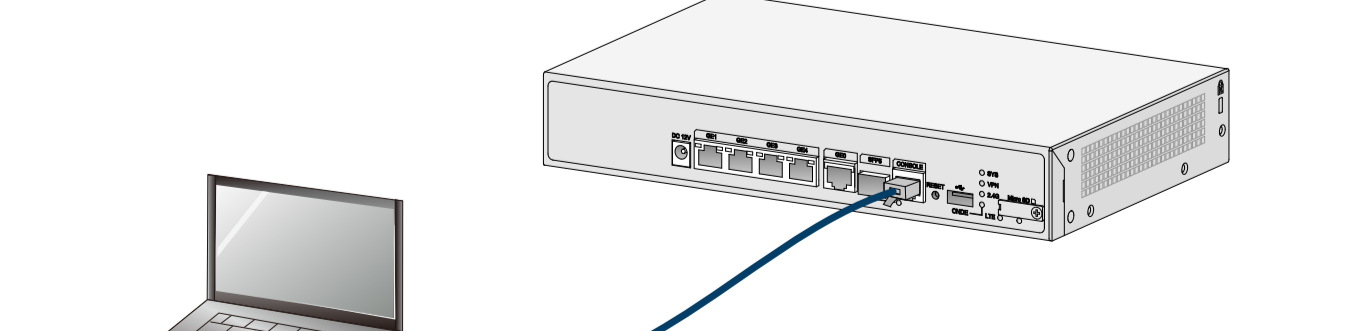
- The RT-MSR810-W, RT-MSR810-W-LM, and RT-MSR810-W-LM-HK routers support two WLAN antennas. An RT-MSR810-W-DB router supports four WLAN antennas.
- The RT-MSR810, RT-MSR810-LM, RT-MSR810-LM-CNDE-SJK, MSR810-LM-HK, RT-MSR810-CNDE-SJK, RT-MSR810-SI, RT-MSR810-EI, RT-MSR810-LM-SI, and RT-MSR810-LM-EA routers do not support WLAN antennas.

Attach the WLAN antennas to the router and fold each antenna to an angle of 90 degrees.



Installing a GPS antenna

- No GPS antenna is provided with the router. Prepare it yourself.
- Only the RT-MSR810-W-LM, RT-MSR810-LM, RT-MSR810-LM-CNDE-SJK, RT-MSR810-W-LM-HK, and RT-MSR810-LM-HK routers support a GPS antenna.



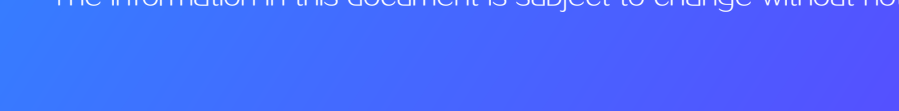
Connecting the grounding cable to the router

Correctly connecting the grounding cable is crucial to lightning protection and EMI protection. Attach the ring terminal provided with the router to the grounding cable. Make sure the grounding cable is reliably grounded.



Connecting the power adapter

- Before connecting the power adapter, make sure the router is reliably grounded.
- To avoid bodily injury, first connect the power adapter to the router and then to the equipment-room power supply system.



Connecting an Ethernet cable

Connecting the router to a configuration terminal by using the console cable

Applicable device models

H3C MSR810 Routers include:

Device	Description
RT-MSR810	H3C MSR810 Router
RT-MSR810-LM	H3C MSR810 4G LTE Router
RT-MSR810-LM-CNDE-SJK	H3C MSR810 4G LTE Router (Supporting SM1/2/3/4)
RT-MSR810-W-DB	H3C MSR810 Dual Wireless Router
RT-MSR810-W	H3C MSR810 Wireless Router
RT-MSR810-W-LM	H3C MSR810 4G LTE Wireless Router
RT-MSR810-10-PoE	H3C MSR810 Router (PoE+60W)
RT-MSR810-LM-HK	H3C MSR810 4G LTE Router (HK)
RT-MSR810-W-LM-HK	H3C MSR810 4G LTE Wireless Router (HK)
RT-MSR810-CNDE-SJK	H3C MSR810 Gigabit Ethernet China OSCCA Data Encryption Router (Supporting SM1/2/3/4)
RT-MSR810-SI	H3C MSR810-SI Gigabit Ethernet Router
RT-MSR810-EI	H3C MSR810-EI Gigabit Ethernet Router
RT-MSR810-LM-SI	H3C MSR810-LM-SI Gigabit Ethernet 4G LTE Router
RT-MSR810-LM-EA	H3C MSR810-LM-EA Gigabit Ethernet 4G LTE Router