

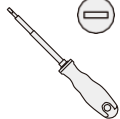

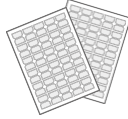

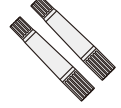







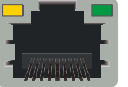


工具参考 Tools

								
斜口钳 Diagonal pliers	十字螺丝刀 Crosshead screwdriver	一字螺丝刀 Flathead screwdriver	线扣 Cable tie	标签纸 Labels	光纤绑扎带 Optical fiber binding tape	记号笔 Marker pen	活动扳手 Adjustable spanner	防静电手套 ESD-preventive

设备附件 Accessories

							
浮动螺母 Captive nut	M3 螺钉 M3 screw	M5 螺钉 M5 screw	E40 侧耳 E40 mounting flange	E80 侧耳 E80 mounting flange	E40 走线架 E40 Cable tray	E80 走线架 E80 Cable tray	天线 Antenna

常见接口介绍 Interfaces

					
ESD 孔 ESD	接地螺钉 Grounding screw	Console 口 Console port	以太电口 Ethernet electrical port	交流电源插座 AC-input power socket	直流电源插座 DC-input power socket

⚠ 安装前注意事项

- 安装前应对机房环境进行检查，确保机房已具备设备正常运行的环境要求。
- 安装前请做好防静电保护措施，如佩戴防静电手套或防静电手腕。
- 安装设备时，必须先接地；拆除设备时，最后再拆地线。
- 自然散热的设备在工作情况下，推荐设备间的距离要大于等于3 U。

- Note**
- Before installation, take measures to prevent static electricity. For example, wear ESD-preventive gloves or ESD-preventive wrist straps.
 - When the devices are working without external heat dissipation equipment, it is recommended that the distance between the devices should be more than or equal to 3U.
 - Connect the grounding cable on the device before device installation. Disconnect the grounding cable on the device after device removal.
 - Before installation, check the installation environment in the equipment room and ensure that the environment satisfies the operation requirement of the equipment.

安装设备到桌面 Installing a Router on a Desk



IR12000-E30路由器安装到桌面步骤如下： 1

- 1、保证桌面清洁，将4个脚垫贴在设备底部。
- 2、将设备平置于桌面上。

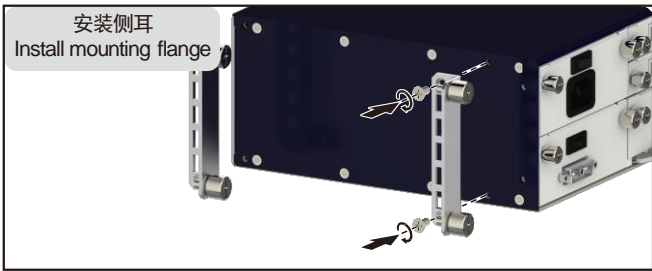
The IR12000-E30 routers can be installed onto a desk:

1. Clean the desk, attach four cushions to the bottom of router.
2. Place the router on the desk.

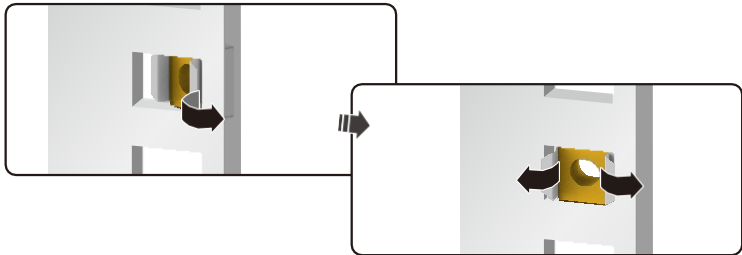


安装设备到机柜 Installing a Router in a Rack

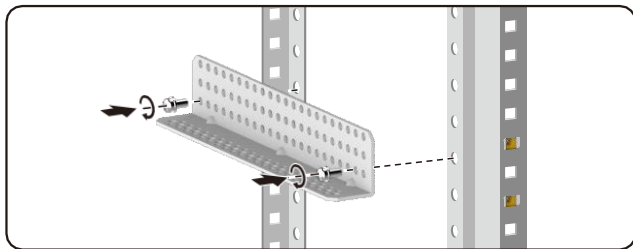
安装两边侧耳 Install the sub-rack mounting flanges at both sides



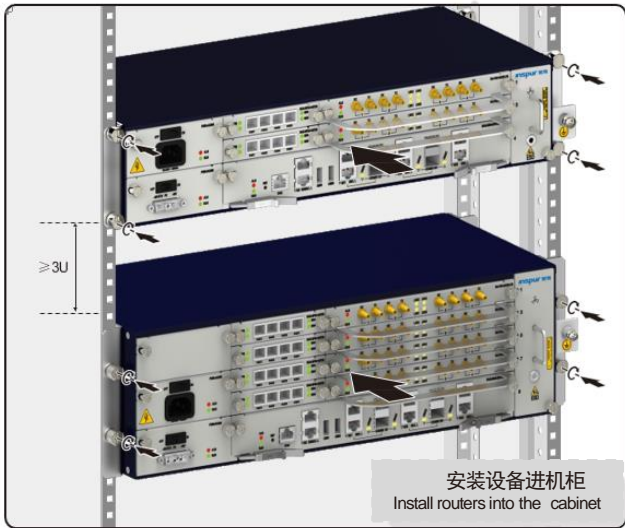
安装浮动螺母到机柜 Install the captive nuts to the rack



在机柜立柱上安装两个托板 Install two support rails on cabinet



安装设备到机柜 Install the router to the rack



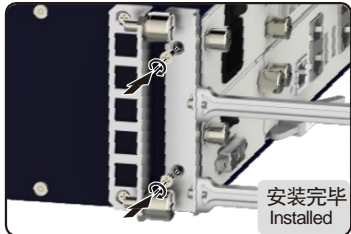
⚠ 注意事项

- 建议安装IR12000-E40/E80到机柜前，先在机柜安装托板。
- 抬起和放下机箱时，要同起同落，避免个别部位受力过大。

Note

- It is recommended to install the support rail before IR12000-E40/E80 is installed to the rack.
- Lift up or put down the chassis with even force. Avoid too much force on individual part.

安装走线架 Install the cable tray to the router



模块的安装与拆卸 Installing and Removing a Module

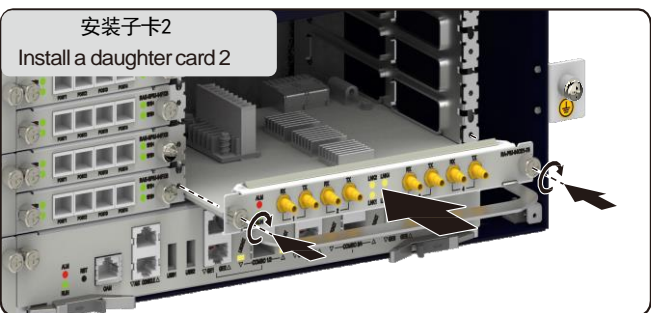
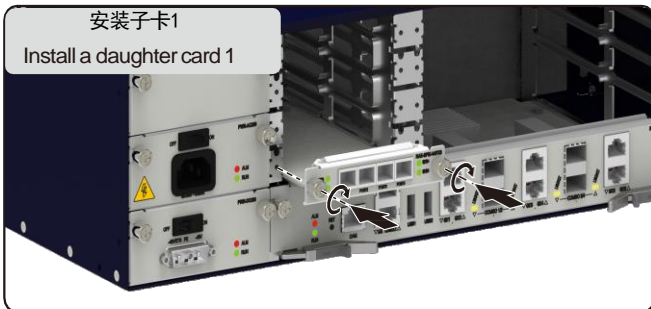
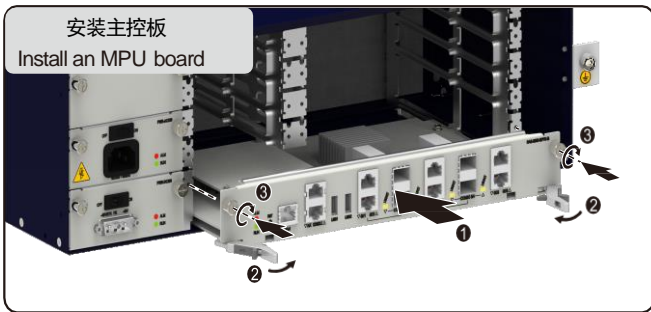
安装 Installation

安装直流/交流电源模块
Install a DC / AC power supply module

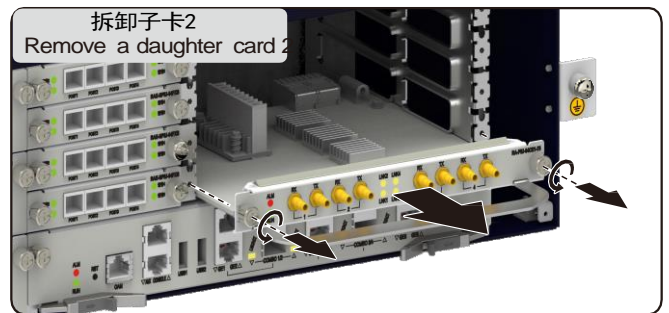
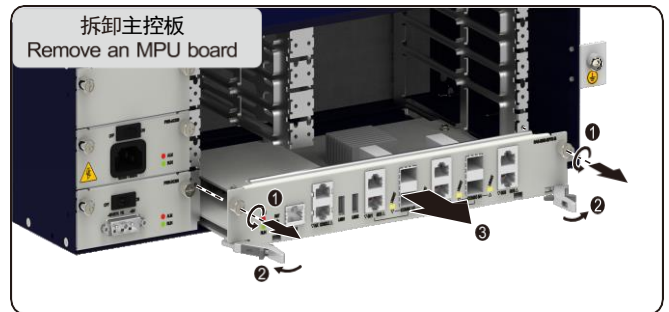
拆卸 Removal

拆卸直流/交流电源模块
Remove a DC / AC power supply module

安装 Installation



拆卸 Removal



连接保护地线和电源线 Connecting the Grounding Cable and the Power Cable

连接保护地线 Connect the grounding cable



⚠ 安装前注意事项

- 连接电源线前，配电箱或供电柜相应线路保持断开。
- 电源线为IR12000系列设备专用。禁止挪用其他设备的电源线给本设备使用。

Note

- Before connecting the power cable, the corresponding circuits on the power distribution box or the power supply cabinet must be disconnected.
- The power cable is a dedicated cable of the IR12000. Do not use power cables of other devices for the IR12000.

连接交流电源线

Connect an AC power cable

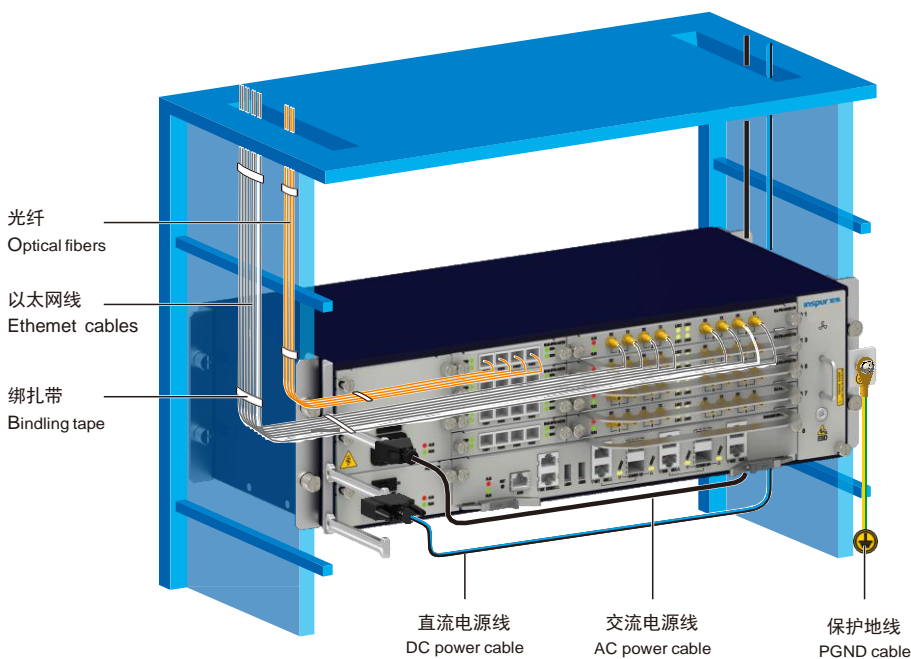


连接直流电源线

Connect a DC power cable



布放线缆 Mounting the Cables



⚠ 安装前注意事项

- 信号线应与强电流线或高压线分开绑扎，防止电磁干扰。
- 线缆布放应无交叉、无缠绕、无扭曲、弧度圆滑。
- 布放光纤时，要轻拿轻放，避免用力拉、压、挤光纤，不可过度弯折光纤。
- 线缆布放完成后应及时粘贴线缆标签（图中省略）以便标示，方便维护。

Note

- Isolate the signaling cables and the high-current cables (or high-voltage cables) to prevent electromagnetic interference.
- Cables should be routed in a smooth and straight manner without any crossover or cable coil.
- During routing optical fibers, handle the pigtail gently. Do not push, press, or squeeze it with force, and do not bend it too much.
- After routing cables, paste corresponding labels (not shown in figure) to identify the cables for the convenience of maintenance.

设备上电 Device Power-on

- 将电源模块开关拨至“ON”位置。
Turn on the switch of the power module on router.
- 上电后检查电源、风扇、各单板的指示灯状态是否正常。
Check the indicator status on the power module, fan module and all boards.