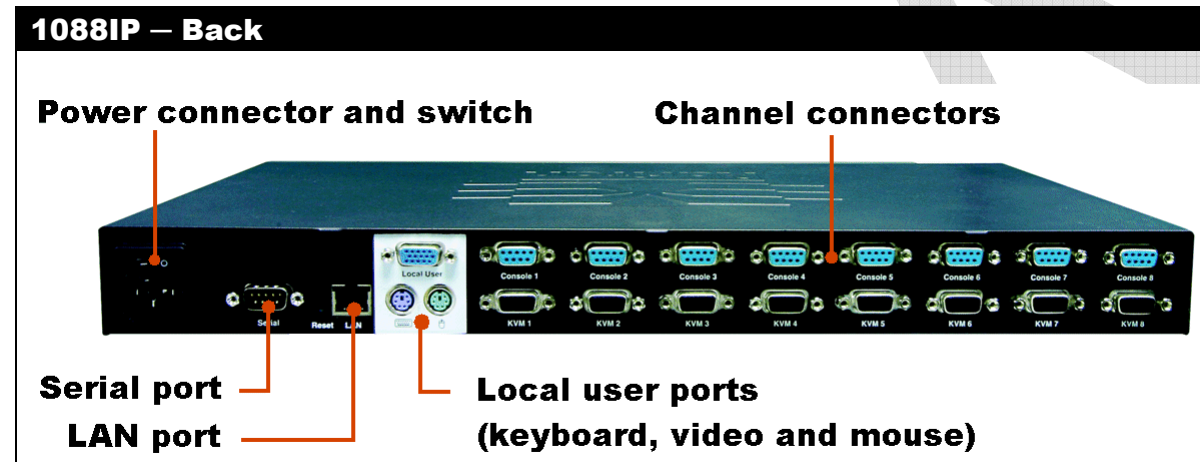


## Unpack the 1088IP

Your 1088IP comes with the following equipment. If any piece is missing or damaged, report this to Raritan Technical Support.

- 1088IP base unit
- Warranty Card
- Accessory CDR Manual /All
- Cable DB9F-DB9F/3000mm Black
- Power code AC China black/6FT
- UTP:1.8M(CAT5-007)
- R1088IP-1U-6U:Bracket



## Install the 1088IP

1. Connect a monitor, keyboard, and mouse to the 1088IP. This is for local access:
  - a. Connect the monitor cable to the VGA monitor port on the rear of the 1088IP.
  - b. Connect the keyboard cable to the PS/2 keyboard port on the rear of the 1088IP. This port is colored green.
  - c. Connect the mouse cable to the PS/2 mouse port on the rear of the 1088IP. This port is colored purple.
2. Connect one end of a standard Cat 5e Ethernet cable to the LAN port on the rear of the 1088IP and connect the other end to your LAN. This is for remote access.
3. Connect one end of the power cable that was shipped with the 1088IP to the power connector on the rear of the 1088IP and the other end to a power outlet.
4. Flip the power switch to power the 1088IP on.

## Connect Target Devices to the 1088IP

Make sure all devices are powered off when you connect them to the 1088 IP. Then, do the following:

1. Connect up to eight serial devices to the eight ports labeled **Console 1 – Console 8** on the rear of the 1088IP. Use a standard RS-232 cable to connect the devices.
2. Connect up to eight servers to the ports labeled **KVM 1 – KVM 8** on the rear of the 1088IP. Use a CMCIP cable to connect to the monitor, keyboard, and mouse ports on the server. This cable can be purchased from Raritan.

## Configure the 1088IP for Remote Access

To configure 1088IP for remote access over an IP network:

1. Connect a computer to the serial port on the rear of the 1088IP. Use the null modem cable that is shipped with the 1088IP. Make sure the serial port is configured as shown below:
  - Bits/second = 11520
  - Data bites = 8
  - Parity = No
  - Stop bits = 1
  - Flow control = None
2. Launch a terminal emulation program such as HyperTerminal and open a console window on the 1088IP. Press **Enter** to display the **Login** prompt
 

```
Welcome!
Choose a login for the following features:
-Initial IP configuration: "config".
-Unblock currently blocked users: "unblock".
192.168.50.58 login:
```
3. At the Login prompt, type **config** (all lowercase letters) and press **Enter**.
4. Assign the 1088IP an IP address. There are two ways to do this:
  - **Dynamically** Type **dhcp** (the default) or **bootp** and press **Enter**.
  - **Statically** Type **none**, and then enter the IP address, subnet mask, and gateway.
5. You are now prompted to enter the following parameters. Make each selection and then press **Enter**.
  - **IP Access Control** Switches IP packet filtering on and off. Raritan recommends you keep the default of **No** for now. You can later turn it on from the web interface
  - **LAN Interface Speed** Set to **Auto** by default. You can change the speed to **10** or **100** Mbps
  - **LAN Interface Duplex Mode** Set to **Auto** by default. You can change the mode to **half** or **full** duplex
6. When you finish, you are prompted to check the parameters you entered. If any are incorrect, type **N**, press **Enter**, and make the appropriate changes. When all parameters are correct, type **Y** and press **Enter**.
7. Congratulations. Configuration is complete. You can close the terminal emulation window and disconnect your computer from the 1088IP's serial port.

## What to Do Next

1. Go to the monitor, keyboard and mouse that you connected to the 1088IP and configure the 1088IP for local administration. Give the 1088IP a recognizable name, set the display parameters, and configure the Console and KVM ports. Chapter 3 in the *User Guide* provides complete instructions.
2. Open a web browser, point it at the 1088IP's IP address, and open the web interface. Configure the 1088IP for remote access. Create user accounts and user groups, set up user permissions, and secure the 1088IP from unauthorized access. *Chapters 4 – 8* provide complete instructions.

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