



Cisco DPC3008 DOCSIS 3.0 Cable Modem user manual

[Home](#) » [Cox](#) » Cisco DPC3008 DOCSIS 3.0 Cable Modem user manual 

Contents

1 Cisco DPC3008 DOCSIS 3.0 Cable Modem

2 Modem Information

3 Highest Service Level

4 Front View

5 Back View

6 MAC Address




7 Troubleshooting

8 Manufacturer Resources

8.1 Related Posts

Cisco DPC3008 DOCSIS 3.0 Cable Modem

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| <div>—</div> <div>Modem Information</div> <div>DOCSIS 3.0 modem</div> <div>8×4 channel bonding with speeds of up to 150 Mbps on a wired connection</div> <div>Cox recommends a DOCSIS 3.1 modem or gateway</div> | <div>—</div> <div>Highest Service Level</div> <div>Preferred 150</div> | |

| | |
|---|--|
| <p>—</p> <p>Front View</p>  <p>Click to enlarge.</p> | <p>The Cisco DPC3008 is a DOCSIS 3.0 device offering 8×4 channel bonding. After the cable modem successfully registers on the network, the POWER, DS, US, and ONLINE indicators illuminate continuously to indicate that the cable modem is online and fully operational.</p> |
| <p>—</p> <p>Back View</p>  <p>Click to enlarge.</p> | <p>The Cisco DPC3008 has the following ports available on the back of the modem.</p> <ul style="list-style-type: none"> • ETHERNET – Connects to the Ethernet port on your computer • CABLE – Connects to the cable wall outlet • RESET – Used to reset the modem (login/Reset instructions) • POWER – Connects the cable modem to the power adapter |
| <p>—</p> <p>MAC Address</p>  <p>Click to enlarge.</p> | <p>MAC addresses are written as 12 digits containing both letters and numbers (0-9, A-F). A MAC address is unique. The first six characters of the MAC address are unique to the manufacturer of the device.</p> |

Troubleshooting

The lights indicate the current status of your gateway. To troubleshoot any connection problems, use the table below.

| Gateway Light | Status | Problem |
|---------------|----------|--|
| POWER | Off | No power – Verify all cable connections and try resetting the modem. |
| | On | None |
| DS | Blinking | Modem establishing connection from the Internet to the computer – Verify all cable connections and try resetting the modem. |
| | On | None |
| US | Off | Upstream channel inactive – Verify all cable connections and try resetting the modem |
| | Blinking | Scanning for upstream channel – Verify all cable connections and try resetting the modem |
| | On | None |
| ONLINE | Off | No connection – Verify all cable connections and try resetting the modem. |
| | Blinking | None – scanning for configuration parameters |
| | On | None – operational |
| LINK | Blinking | None – single device connected via Ethernet and data is being transferred between the computer and the cable modem. |
| | On | A single device is connected to the Ethernet port and no data is being sent to or from the cable modem – Verify all cable connections and try resetting the modem. |
| | Off | No devices connected – Verify all cable connections and try resetting the modem. |

Manufacturer Resources

For more detailed technical information on the DPC3008, use the resources below.

- [Cisco DPC3008 Data Sheet](#) [PDF]
- [Cisco DPC3008 Installation Guide](#) [PDF]