



# Netgear CMD31T Nighthawk Cable Modem user manual

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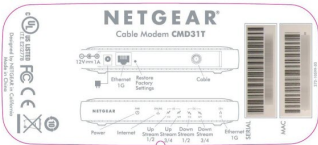
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## Netgear CMD31T Nighthawk Cable Modem

<div>—</div> <div>Modem Information</div> <div>DOCSIS 3.0 Cable Modem</div> <div>4×4 channel bonding with speeds of up to 50 Mbps on a wired connection</div> <div>Cox recommends a DOCSIS 3.0 16×4 or higher modem</div> <div>DOCSIS 3.0 modems with 4×4 channel bonding have a maximum speed of 50 Mbps on the Cox network.</div>	<div>—</div> <div>Highest Service Level</div> <div>Essential</div>	

<p>—</p> <p><b>Front View</b></p>  <p><a href="#">Click to enlarge.</a></p>	<p>After the cable modem successfully registers on the network, the <b>Power</b>, <b>Upstream</b>, <b>Downstream</b>, and <b>Internet</b> indicators illuminate continuously to indicate that the cable modem is online and fully operational.</p>
<p>—</p> <p><b>Back View</b></p>  <p><a href="#">Click to enlarge.</a></p>	<p>The modem includes the following connection ports:</p> <ul style="list-style-type: none"> <li>• <b>POWER</b> – Connects the cable modem to the power adapter</li> <li>• <b>REBOOT</b> – Restores factory settings</li> <li>• <b>ETHERNET</b> – Connects to the Ethernet port</li> <li>• <b>CABLE</b> – Connects to coaxial cable with broadband</li> </ul>
<p>—</p> <p><b>MAC Address</b></p>  <p><a href="#">Click to enlarge.</a></p>	<p>The information below is usually found on a sticker located on the bottom of the modem.</p> <ul style="list-style-type: none"> <li>• The <b>S/N</b> is the <b>serial number</b> of the Netgear CM600 modem.</li> <li>• The <b>CM MAC</b> is the <b>MAC address</b> of the Netgear CM600 modem.</li> </ul>

## Troubleshooting

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

Modem Light	Status	Problem
POWER	Solid Green	Operational
	Off	No power. Verify power supply connections and electrical outlet.
ONLINE (Cable Link)	Blinking Green	Modem is online and operational.
	Off	Cable modem offline. Verify all cable connections and try resetting the modem.
US (Upstream)	1/2 solid amber	Upstream channel 1 in use.
	1/2 solid green	Upstream channel 1 and 2 in use.
	3/4 solid amber	Upstream channel 1, 2, and 3 in use.
	3/4 solid green	Upstream channel 1, 2, 3, and 4 in use.
	Off	No Upstream channel in use.
DS (Downstream)	1/2 solid amber	Upstream channel 1 in use.
	1/2 solid green	Upstream channel 1 and 2 in use.
	3/4 solid amber	Upstream channel 1, 2, and 3 in use.
	3/4 solid green	Upstream channel 1, 2, 3, and 4 in use.
	Off	No upstream channel in use.
ETHERNET	Solid Green	A device is connected and detected on the 1-Gbps Ethernet Port.
	Blinking Green	Data traffic on the 1 Gbps Ethernet port.
	Off	No devices detected on the Ethernet port. Verify all cable connections and try resetting the modem.

## Manufacturer Resources

For more detailed technical information on the Netgear CMD31T, use the resources below from Cisco.

- [Netgear CMD31T Support Site](#)
- [NetgearCMD31T\\_Install\\_Guide\\_LED\\_Diag](#) [PDF]