

DM1000

DOCSIS® 3.1 Cable Modem with 2.5G E

Overview

The DM1000 is a CableLabs® DOCSIS® 3.1 certified cable modem with an integrated

2.5Gbps Ethernet port to provide 1Gbps+ broadband speeds to the home or office. This powerful cable modem has a compact, sleek design that fits into the customer's home décor and delivers the low latency and high bandwidth needed for work, school, and play.

WiFi and DOCSIS technologies are evolving at different speeds. The DM1000 enables a modular whole-home broadband approach as it can be combined with your choice of WiFi and router products. This modular strategy uses a simple, reliable broadband device that is relevant across multiple WiFi upgrades and gives you the flexibility to pair with on-premise connectivity products that best fit your customer deployments.

The DM1000 supports standard provisioning and upgrades via SNMP. The DM1000 offers premium DOCSIS® 3.1 broadband access that can be paired with the latest WiFi and router technology to offer high-performance connectivity for both the home and office.

Key Features

- ✓ DOCSIS® 3.1 CableLabs® Certified
 - Full-Spectrum Capture Tuner
 - Software selectable low and high split
- ✓ True Multi-Gigabit Broadband Speeds
 - 2.5Gbps Ethernet Port
- ✓ Enables Modular Whole-Home Connectivity
 - Pair With Any WiFi + Router Solutions

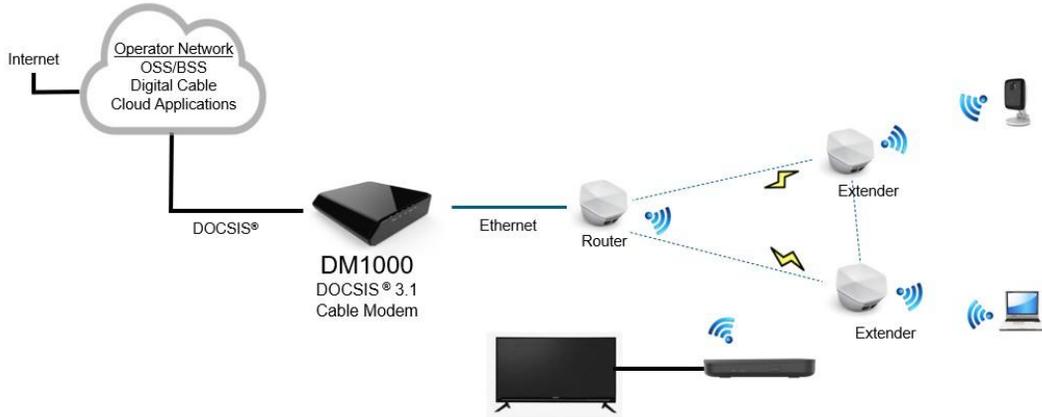


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Home Network Diagram



Detailed Specs

DOCSIS®	
Downstream	
Frequency Range	108-1002MHz
Channels	32 SC-QAM + 2 OFDM
Tuner	Full-Spectrum Capture
Upstream	
Frequency Range	5-42MHz or 5-85MHz (software selectable)
Channels	8 SC-QAM + 2 OFDMA
Management	
SNMP	v1/v2/v3
Local webGUI	HTTP/HTTPS
Certifications	
DOCSIS® 3.1 Certified	
FCC Part 15	
UL® 60950	

Interfaces	
RF	75Ω F-Type External Connector
Ethernet	One 10/100/1000/2.5G BASE-T LAN Port
Power	12 VDC Input External AC/DC PSU
Button	Reset
Hardware	
LEDs	Power, US, DS, Online, LAN
Dimensions	160 x 150 x 35.5mm
Operating Temperature	0°C – 40°C
Operating Humidity	5% to 95% Non-Condensing
Storage Temperature	-40°C – 60°C
Storage Humidity	5% to 95% Non-Condensing