

# G.hn Coax MDU Master Bridge

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## Coax MDU Master Bridge With In-Building Coax Last Meters Distribution Providing a Managed 1Gbps / 800Mbps Gigabit Speed Service

*Triple Play by QoS and IPv6 Support*

*High Throughput Ideal for IPTV Service*

*The Most Powerful and Cost-Effective Coax  
MDU Solution with Remote Management.*

### INTRODUCTION

THE COAX MDU MASTER, CEM-838, ENABLES CABLE OPERATORS TO START THE TRIPLE-PLAY SERVICES TO A BUILDING OR COAX SEGMENT.

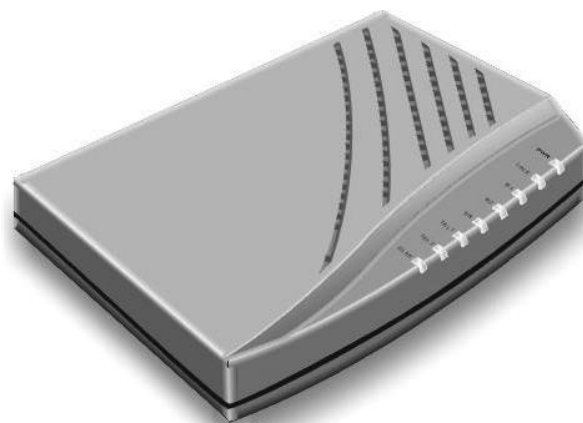
**NO ADDITIONAL NETWORK WIRING IS NECESSARY.**

CABLE OPERATORS MAY JUST USE THE EXISTING COAX WIRING OF CABLE OPERATORS OR IN THE MDU BUILDING, THEN BE READY TO PROVIDE THE BROADBAND TRIPLE-PLAY SERVICES TO SUBSCRIBERS.

**LOW INITIAL DEPLOYMENT COST.** THE LOW INITIAL COST CAN EXPAND THE SERVICE TO SMALL SCALE BUILDING WITH HIGHER SPEED THAN CMTS. DUAL SUPPORT OF IPV4 AND IPV6 PROVIDE THE FLEXIBILITY FOR OPERATORS.

WITH CEM-838 HIGH THROUGHPUT AND QoS, IT CAN OPTIMIZE IPTV SERVICE.

**AUTO PROVISIONING AND REMOTE MANAGEMENT.** IT MINIMIZES THE INSTALLATION AND SUPPORT COST. THE UNIQUE ENDPOINT SERVICE CONTROL SUPPORTS SERVICE PROVIDERS WITH DIFFERENT SERVICE LEVELS AND SERVICE SCHEMES.



Model : CEM-838 / 837 / 836

### FEATURES

- Design for Operators Providing High Speed Service over Coax Network
- EoC up to 1Gbps/800Mbps PHY/Throughput Rate as Distribution Backbone over Coax
- Two 100/1000M Gigabit Ethernet Ports with One Port 100/1000Mbps SFP Support
- Up to 80dB Attenuation on Coax Network
- Support up to 32 Endpoints with Isolation
- Line Power Feeding by Coax or PoE
- IPv4 and IPv6 Support
- Endpoint Service Control and Bandwidth Control
- Endpoint Ethernet Loop Detection and Isolation
- Online Diagnosis Support
- 802.1p QoS and 802.1Q Tag VLAN Support
- IGMP Snooping Control