

# HCNA Coax MDU Master Bridge

November 2010

## Coax MDU Master Bridge With In-Building Coax Last Meters Distribution Providing a Managed 224Mbps / 192Mbps High Speed Service

*Last Meters Distribution of FTTB ...*

*No additional network wiring ...*

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

### INTRODUCTION

THE COAX MDU MASTER, CEM-638/639, ENABLES CABLE OPERATORS TO START THE TRIPLE-PLAY SERVICES TO A SMALL SCALE BUILDING.

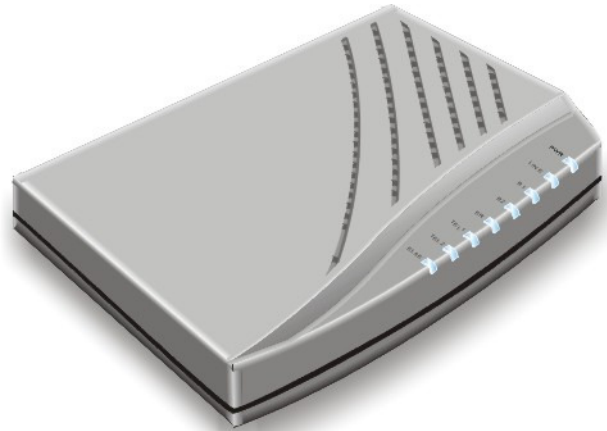
#### ***NO ADDITIONAL NETWORK WIRING IS NECESSARY.***

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

***LOW INITIAL DEPLOYMENT COST.*** DUE TO HIGH INITIAL COST OF CMTS AND DSL BASED SOLUTION, IT REQUESTS A HIGH SUBSCRIBER NUMBER TO DEPLOY THE SERVICE. THE LOW INITIAL COST CAN EXPAND THE SERVICE TO SMALL SCALE BUILDING WITH HIGHER SPEED THAN CMTS.

WITH CEM-638/639 MANAGEMENT, IT CAN MANAGE THE DEVICES REMOTELY TO MINIMIZE THE INSTALLATION AND SUPPORT COST.

THE UNIQUE ENDPOINT SERVICE CONTROL SUPPORTS SERVICE PROVIDERS WITH DIFFERENT SERVICE LEVELS AND SERVICE SCHEMES.



Model : CEM-638 / CEM-639

### FEATURES

- Design for Operators Providing High Speed Service over Coax Network
- HCNA up to 224 / 192 Mbps PHY Rate as Distribution Backbone over Coax
- Two 10/100/1000M Gigabit Ethernet Ports for FTTB EPON/GEPON
- Up to 65dB Attenuation on Coax Network
- Support up to 61 Endpoints
- Secured and Isolated Communication between Endpoints
- DHCP Client, Option 82 and Snooping
- Endpoint Service Control and Bandwidth Control
- Endpoint Ethernet Loop Detection and Isolation
- Noise Spectrum Analyzer Built-in
- 802.1p QoS and 802.1Q Tag VLAN Support
- IGMP Snooping Control