



ASKEY-TCG400-v

# EMTA Cable Modem

The Askey TCG400-v is a CableLabs® DOCSIS® /EuroDOCSIS® 3.0/3.1/4.0 FDD and PacketCable™ 1.0/1.5/2.0 compliant EMTA cable modem. One 10 Gbps Ethernet port and two voice ports allow the device to provide multi-Gigabit Internet access up to 10 Gbps as well as high-quality telephone voice and fax/modem service for residential, commercial and educational users on public and private networks through an existing CATV infrastructure.

Equipped with an optional external backup battery, it allows phone calls during 24 hours in case of power outages. Its features help Multiple System Operators reduce the total cost of ownership such as an upstream diagnostics analyzer and a downstream spectrum analyzer, providing in-home cable signal problem isolation.

DOCSIS® 4.0 FDD | PacketCable™ | 2 Voice Ports | 10G ETH

## Hardware

- Coax RF
  - 75ohm F-type Female RF connector, Docsis 4.0 FDD Compliant
  - Full Band Capture, Backward compatible with Docsis 3.1
  - Switchable diplexer support D4 FDD UHS and D3.1 HS band
- LAN
  - 1 x 10 Gbps, RJ-45 Ethernet connectors with Link Status LED
- LEDs
  - Status (Multi-color), Tel 1, Tel 2
- Voice
  - 2 x RJ-11 FXS Port

## Voice

- Supported Standard
  - One of the PacketCable 1.5/2.0 or SIP upgradable
- Ring Capability
  - 5 REN Load per line

## D4.0 FDD UHS Band

- RF Downstream
  - Frequency Range
    - 492-1794 MHz edge to edge
  - Bonded Channel
    - Up to 5 x OFDM + 32 x SCQAM Channels
- RF Upstream
  - Frequency Range
    - 5-85, 108-396 MHz edge to edge
  - Bonded Channel
    - Up to 7 x OFDMA + 8 x SCQAM US Channels

## D3.1 HS Band

- RF Downstream
  - Frequency Range 258-1794 MHz edge to edge
  - Bonded Channel
    - Up to 5 x OFDM + 32 x SCQAM Channels
- RF Upstream
  - Frequency Range 5-204 MHz edge to edge
  - Bonded Channel
    - Up to 2 x OFDMA + 8 x SCQAM US Channels



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