

# EoC | Mstar CA4034



CA4034 is designed with Mst chipset solution to work between 7.5-86 MHz frequency with high transmission speed and good stability as well as low power consumption functions. It can provide multiple services such as CATV Data and VOD to meet the demand of a modern home network.

## Main Features:

- High performance with 100Mbps forwarding rate, suitable for current and future needs in the CATV industry.
- High sensitivity with link loss 90dB max.
- High out-off-band attenuation control and less insertion loss to improve TV output quality.
- Strong business control, supporting 802.1Q VLAN, 802.1P priority and interface speed limit functions.
- Easy installation, auto configuration distribution and plug-and-play for business.
- LED indicators for equipment and connection status.
- Green environment-friendly design with low power consumption, suitable for the future development of the data communication industry.

## Product Specifications **Mstar Terminal(CA4034)**

Item	Description
Interface and LED Indicator	User Port: 4* 10/100 BASE-T FE port (RJ45)
	2* RF Port (FImperial): one for TV output, one for Data+TV input.
	Power indicator
	RF port status indicator
	Ethernet port status indicator
RF Index	Working Frequency: 7.5-86 MHz
	Modulation Mode: OFDM
	Encryption Mode: 128 bits AES
	Working Mode: CSMA/CA, TDMA
	RF Impedance: 75Ω
	Max. Transmitting Power: 120dBuV
	Link Loss: -90dB (linkable) / -60dB (max.)
Software Function	Support 802.1Q VLAN
	Support SP, based on Slave/port speed limit, flow classification, flow label
	Support storm control, broadcast packet speed limit
	Support IGMP Snooping (v1/v2/v3)
	Support slave port isolation
Working Environment	Working Temperature: -10~+45°C
	Working Humidity: 10%~90%. Non-condensation.
	Storage Temperature: -30~+70°C
	Storage Humidity: 5%~90%. Non-condensation.
Power Supply	Power Supply: DC12V
	Rated Power: 3.5W
Physical Feature	Size: 168mm (L) x 135mm (W) x 30mm (H)
	Weight: 300g