Is the EOC terminal box a set-top box

Overview

Disclosed is a set top box internally provided with an Ethernet transmission terminal based on a coaxial cable. It allows network connectivity through existing coaxial infrastructure by using a coaxial connector for the coax network, and RJ45 Ethernet ports for connecting to local network devices. The Ethernet Over Coaxial Converter (EOCC) is an alternative solution to external trunking for customers who want to enjoy Fibre TV in instances where the Termination Point (TP) is more than 2m away or when there are no available data points in other rooms. How does EOCC work?

EOCC are networking. EOC (Ethernet Over Coax) is network that transmits Ethernet signal in coaxial-cable between two points or among multiple points, which carries Ethernet network by coaxial-cable in user's home and provides return channel for interactive services like digital television. The Institute of Electrical and Electronics Engineers (IEEE) maintains all official Ethernet standards in the IEEE 802 family.

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Article Content

Ethernet Over Coax (EOC) Terminal – Technical Datasheet

By utilizing three full-duplex Fast Ethernet interfaces, this terminal ensures robust connectivity for both local network devices and internal set-top box communication.

EOC and EPON Technology Brief

Passive EOC access technology has a small amount of work for the existing cable TV network system. It does not need to add additional active equipment, is easy to install and use, and has low operation

Ethernet Over Coaxial Converter (EOCC) for Fibre TV

The EOC Adapter is a point-to-point transmission solution which is only recommended for 1 set-top box. The new EOCC solution can support up to 4 set-top boxes for Fibre TV.

PON+EOC Solution

EOC (Ethernet Over Coax) is network that transmits Ethernet signal in coaxial-cable between two points or among multiple points, which carries Ethernet network by coaxial-cable in user''s home and

Ethernet over coax

The EoC technologies must operate outside the frequency domain currently used for CATV or for satellite receiver to set-top box transmissions.

Ethernet Over Coaxial for Fibre TV

Ethernet Over Coaxial (EOC) is a solution for customers who want to enjoy Fibre TV in instances where the Termination Point is more than 2m away or on a different wall from the TV.

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The EOC and digital television receiving wireless terminal set top box equipment is simple in structure and convenient to move, can be used for realizing low power consumption, can support high-grade

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The utility model relates to a kind of set-top box, particularly relates to a kind of set-top box of built-in Ethernet transmission terminal based on coaxial cable.

Set-top box

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Because of this, set-top boxes are often placed beneath televisions, and the term set-top box has become something of a misnomer, possibly helping the adoption of the term digibox.

Set-top box

A typical modern set-top box, along with its remote control - pictured here a digital terrestrial TV receiver by TEAC A set-top box (STB), also known as a cable box, receiver, or simply box, and historically

Set-top Boxes

Complex set-top boxes are covered by a voluntary agreement. A voluntary agreement is proposed by industry sectors and works as alternative to EU ecodesign regulations. Through this self-regulation,

Definition of set-top box | PCMag

What does set-top box actually mean? Find out inside PCMag''s comprehensive tech and computer-related encyclopedia.

How a set-top box TV decoder works

Commonly known as a decoder, this is one of the most common ways to access digital TV services. But how does this set-top box work? What is a Set

Set-Top Box

1.9.3 Functionality Limitations Due to Set-Top Boxes The imposition of a set-top box between the cable outlet and a subscriber''s receiver, while it enables additional services to be delivered, affects

CN104010205A

Due to the fact that the EOC device and the WIFI device are arranged inside the set top box, two-way interaction between the set top box and the front terminals is achieved, and family WIFI hot spot

Set Top Box (STB) Basics

Learn the basics of Set Top Boxes (STBs), digital devices used to select TV channels from satellite signals. Explore their uses, block diagram, and key specifications.

What is a Set-Top Box? Everything You Need to Know in 2025

This article explores what a set-top box is, its core functions, types, and its growing importance in home entertainment and commercial use. It''s designed to help businesses and tech

What''s the Difference Between a Cable box, Set-top box, and Satellite ...

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What''s the Difference? Cable box - An electronic device that converts digital television signal to analog, or unscrambles a television signal. Set-top box - A device that enables a TV set to

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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