

## DUET Wallplate Encoder

Powerful AV Encoding in a convenient, Wallplate form-factor

### Overview

The PacketAV® Duet Wallplate Encoder has been nothing short of a paradigm shift for networked AV.

True convergence; a single platform to support Dante™ /AES67 and Video over IP in a convenient wallplate form-factor.

Building on their success and wide adoption, the next generation of PacketAV® Duet Wallplate Encoders continue to provide powerful 4K UHD Video and Dante™ /AES67 Audio over a single Gigabit Ethernet port, now in a simplified HDMI only version for streamlined installations.

It can be easily mounted in a wall, tabletop, lectern, or floor box using a standard 2-gang US or UK back box, and connected to power (standard POE) and Ethernet using only a single category cable.



Visionary's PacketAV® and PackeTV® products can be deployed on any industry standard IP network. They can be used on existing enterprise IP networks or a physically separate parallel network [private network] to offload traffic, using the same network protocols, methods, and devices but without intermingling of video traffic with data or voice; with equal ease of installation.

### Features

#### One Gigabit LAN Port for 4K UHD Video, Dante™/AES67, and Control

- A single Ethernet port for Video over IP and Dante™/AES67 audio embedding and de-embedding, with VLAN tagging capability to separate Audio & Video network traffic as needed

#### Balanced Audio Line Output on Rear Panel

- A rear-panel euro terminal block provides a stereo balanced audio output from Dante or de-embedded from HDMI.  
This output can feed a variety of local devices to provide a specific line level output to users, or it may be used to directly feed an audio power amplifier in the associated audio zone.

#### Dynamically Optimized (Adaptive) bit-rate compression CODEC w/ built-in AI

- Visionary's highly efficient video compression codec is a modified full frame encoding that dynamically optimizes for fine lines (computer generated graphics) or motion video by using sophisticated AI to analyze the input source content. Actively matching the level of compression to a scene by leveraging periods of low motion video content reduces the stream's size and enhances performance - enabling, without compromising image quality, Visually Lossless transmission of computer generated graphics or full-motion video sources.
- Adjustable Video Bitrate: (50 – 200 Mbps or Auto [800Mbps max])