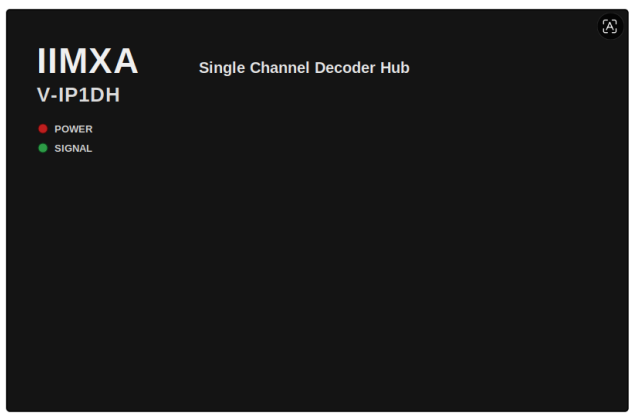




V-IP1DH

SINGLE CHANNEL DECODER HUB

V-IP1DH Single-Channel Decoder Hub
Advanced Audio Decoding and Distribution Over IP Networks

The Single-Channel Decoder Hub is a high-performance, network-based audio decoding solution designed for professional public address (PA), background music, and emergency notification systems. Engineered for seamless integration into both local (LAN) and wide-area (WAN) environments, this device eliminates the limitations of traditional zoned audio systems by enabling flexible, IP-native audio distribution—without the need for VPNs or complex tunneling setups.

Key Features & Capabilities

1. True IP-Based Audio Distribution

Operating on a real, routable IP address, the Decoder Hub communicates directly across subnets and through standard gateways. It supports native WAN transmission, allowing centralized audio sources to reach remote locations securely and reliably over existing network infrastructure—no additional tunneling or virtual private networks required.

2. Intelligent Zone Management

Break free from legacy “all-call” constraints. The hub functions as a matrix-style audio receiver, enabling independent, scheduled playback to individual or multiple zones simultaneously. Different audio content—such as tones, chimes, or voice messages—can be programmed per zone, allowing complex multi-zone scenarios (e.g., morning announcements in Zone A while playing background music in Zone B) from a single device.

3. Centralized Configuration & Control

Simplify deployment with server-based IP provisioning: assign and configure IP addresses for multiple units directly from the central management software—no manual entry required at each endpoint. Each hub can also be individually accessed and controlled via its unique IP address through a built-in web-based terminal interface.

4. Software-Driven Trigger & Monitoring

Equipped with configurable trigger ports, the hub responds to software-initiated commands for precise event-based audio playback. Real-time operational status—including connectivity, playback state, and zone activity—is displayed intuitively within the Chrome-based monitoring software, offering administrators instant visibility and control from any standard web browser.

Technical Specifications

V-IP1DH	
Power Sources (Input)	24V DC
Power Consumption	1.3A
OUTPUT	
Output	Audio Unbalance Out
Dry Contact	4 x N/O
FEATURES	
Supported Protocol	TCP/IP、UDP、ARP、ICMP、IGMP、SIP、HTTP、FTP、ONVIF
Configuration	Browser / Server Structure (Supported Google Chrome Only)
Network	LAN & WAN
SIGNAL PERFORMANCE	
Frequency Response	20Hz - 20Khz
S/N Ratio	>90dB
Sampling Rate	22khz @ 16bit
Dimensions	130MM (W) x 240MM (H) x 55MM (D)
Weight	1.5KG

