

ANT-37500D Dante AV-H Decoder

PRODUCT TECHNICAL SPECIFICATION



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Key Features

- Audinate Dante AV-H 4K Video Decoder plus Stereo Audio
- 4K, 3840 x 2160, 8MP, UHD, HD or SD Decode + Display
- Dante, RTSP and ONVIF decode
- Display up to 16 x streams on screen via HDMI out in non Dante mode.
- ONVIF Discovery or Dante Mode
- H.265 or H.264 Decode
- USB-C or PoE powered
- Analogue stereo audio or HDMI Audio

Product Description

ANT-37500D is a Dual mode Low Cost Low Power Video Decoder supporting Dante AV-H or RTSP ONVIF and other stream formats. In Dante mode the decoder can be initially setup via the web interface and then fully controlled via Audinate's Dante Controller and associated tools/API's. In alternative mode the decoder can be used to display up to 16 RTSP MPEG-TS or ONVIF video streams in 1x1, 2x2, 3x3 or 4x4 modes. Powered by USB-C the decoder has a USB-C / Ethernet PoE cable in the box for full PoE applications. The 37500D is the latest decoder product in the 'SpotBox' line up and includes new features such as a smaller metal housing with mounting fins and holes pre drilled, PoE options, and USB C power enabling the user to power the box from the monitor. It is a low cost, PC-Less way to view and display Dante AV-H streams up to 4K or Ip camera streams. Future Firmware releases will allow the mixing of Dante and standard streams for PiP quad and other display modes.

An IR remote control is supplied to allow view modes in RTSP ONVIF mode whilst in Dante mode the Video Decoder is fully controlled by the Dante Controller and associated tools/API's.

A feature of the ANT-37500D is the rebroadcast of whatever the screen is displaying. This allows other decoders to clone whatever is being shown on the Dante AV-H Decoder HDMI output by receiving a re broadcast RTSP stream from the master Dante Decoder box.

A full SDK is available for control of multiple boxes and a web interface for setup and firmware upgrades. Firmware is being updated constantly to give more features and capabilities to the ANT-37500 series. As the AV-H capabilities develop the ANT-37500D firmware will be updated to allow new features.

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System	Mode	Decoder
	System Standards	Dante API , ONVIF Discovery, RTSP, HTTP, MPEG-TS
	System Latency	Typically 300-400ms glass to glass (source dependant)
Video	Compression	H.264 (MJPEG) or H.265
	Profile	Baseline & High
	Frame Rate	1-30 fps
	Bit Rate	32Kbits/s to 20Mbits/s
	Mode	GOP
	Bit Rate Control	CBR, VBR
	Min Resolution	352 x 240 P30
	Max Resolution	3840 x 2160 P30
	Number of Streams	4x4 (16) @480P, 3x3 (9) @720P, 2x2 (4) @1080P or 1 @3840x2160P30 Single Mode
	Inputs	N/A
Input Combinations	N/A	
Outputs	1 x HDMI 2.0	
Output Combinations	HDMI 2.0 Output	
On Screen Display	English	
Audio	Mode	HDMI embedded or analogue stereo jack output
	Compression	N/A
	Sample Rate	N/A
	Bit Rate	N/A
	Streaming	N/A
	Inputs	N/A
	Outputs	Embedded HDMI
Network	Interface	100/1G Ethernet RJ45 (NO WIFI)
	Protocols	IPv4, TCP, UDP, IGMP(Multicast)DHCP,HTTP,RTSP,DNS,NTP
	Security	Password Protection
	Configuration	SDK WEB interface or Dante API
Data	Type	N/A
	Interface	N/A
	Protocol	N/A
	Alarm	N/A
	Sensor	N/A
Event	Sources	N/A
	Actions	N/A
Power	Supply	5v DC / 5v USB C / PoE adapter
	Adapter input volts	AC 110-240v
	Adapter Output Voltage	5V DC 2.0 amp
	Consumption	<10w
Recording	Edge Storage	N/A
Temperature	Operating Range	0 - 50 Degrees Centigrade
Physical	Dimensions	L=94mm D=21mm W=82mm
	Weight	210g
	Housing	Black Metal Aluminium
General	Certifications	CE, FCC, RoHS
	Software	SDK
	Warranty	12 Months
	Remote	IR Remote
	Reset	Web or Pysical Reset
	Control & Set Up	Set Up
	Control	IR Remote or Web Interface or API
	Upgrade	Firmware Upgrade via Web Interface
In the Box	Contents	ANT-37500D Unit, 5v Power Supply, USB A - C Lead, PoE Adapter, Remote
	Power Cable/adapter	5v Power Supply with USBC to USBA Cable or PoE