THUNDER

JPEG2000 VIDEO OVER IP SIGNAL MANAGEMENT

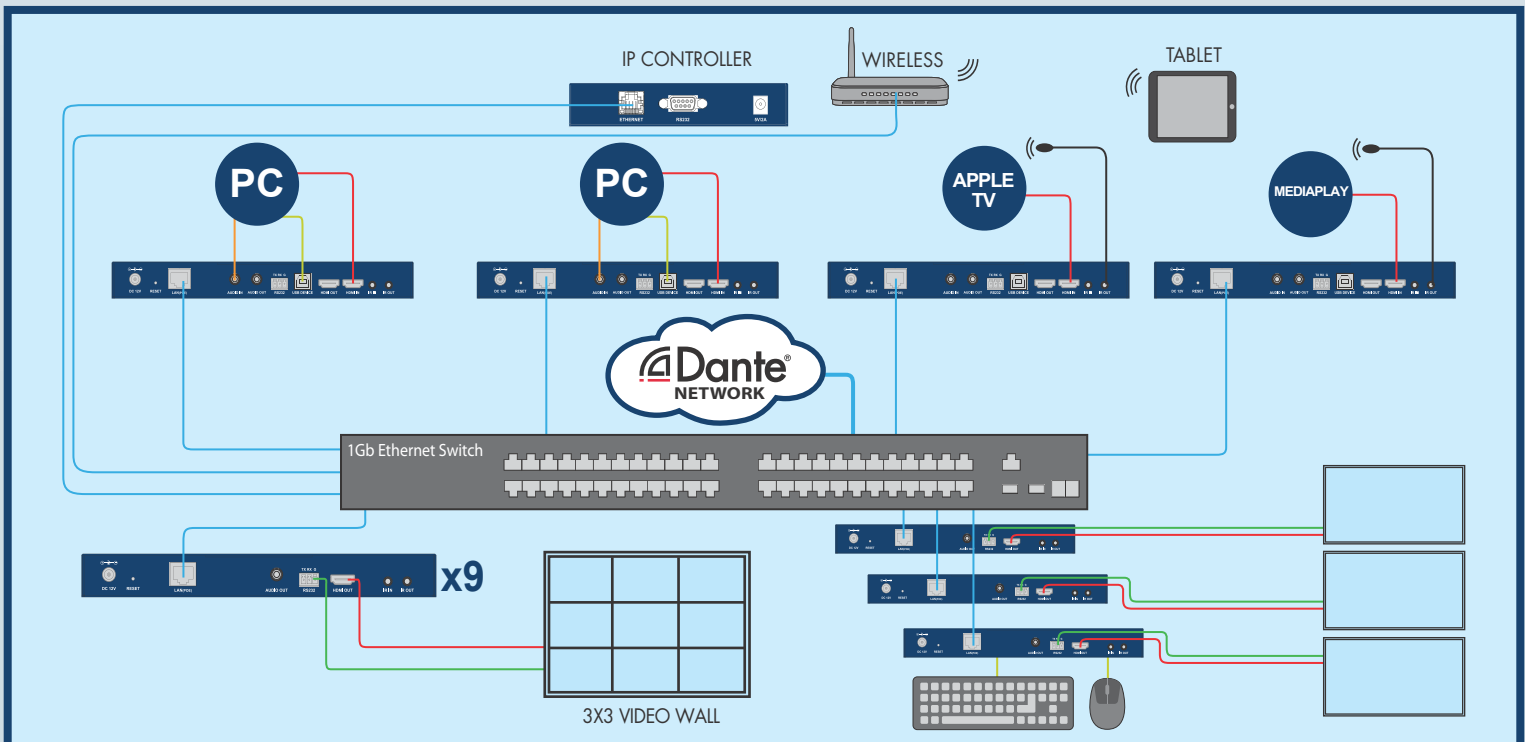JPEG2000 4K ENCODER
TH2001E

Dante INSIDE®

Introducing **THUNDER**, the choice for JPEG2000 video distribution for the Pro AV market. **THUNDER** leverages standard 1Gb networking technology to deliver audio and video like never before, simplifying design, installation and removing the headaches associated with traditional video distribution methods, the fixed video matrix system is now a thing of the past. **THUNDER** employs JPEG2000 video compression, which makes it the ideal choice for balancing video quality and latency across many applications like sports bars, corporate environments or teaching facilities.

Integrating **DANTE** capability, **THUNDER** now makes 2 channel audio available in **DANTE** format, making it ready for management by external DSP systems.

THUNDER is simple to set up. Easy network switch configuration, combined with step by step device set up, makes commissioning **THUNDER** a breeze.

WALL PLATE ENCODER

IP CONTROLLER WIRELESS TABLET

PC PC APPLE TV MEDIAPLAY

Dante NETWORK®

1Gb Ethernet Switch

x9

3X3 VIDEO WALL

4K OVER **iP** **1080P** OVER **iP** **MATRIX** OVER **iP** **VIDEO WALL** OVER **iP** **CONTROL** OVER **iP** **POINT TO POINT** OVER **iP** **VIDEO** OVER **iP** **USB2.0** OVER **iP**

FEATURES 💡

BENEFITS 💡

CEC control	Advanced scaling
Take direct control of displays	seamlessly combine 4K and 1080p displays

Auto Device Discovery	Asymetrical matrix sizes
Quick and easy configuration for fast installation set up	Configure in increments of one, no more fixed matrix limitations

Advanced video wall	PoE powered
Bezel correction, screen rotation with iPAD control	Simplifies installation by eliminating plug packs

ENCODER 💡

DECODER 💡

SPECIFICATION 💡

Input resolutions up to Ultra-HD 4K/60/4:2:0	Bidirectional IR (infrared)
Output resolutions up to Ultra-HD 4K/30/4:4:4	Analog stereo audio input
HDMI 1.4 with HDCP 2.2	Digital audio PCM, LPCM, Dolby True HD, DTS, DTS-HD Master
Independent routing of audio/video/serial/IR/USB 2.0	Audio loop and HDMI loop
De-embedded audio out on encoder	Up to 16x16 Video wall creation
1Gb PoE network	Video wall bezel correction
Latency 1 Frame end to end	220 mm x 25 mm x 130.2 mm (LxWxH)
Dante 2 channel audio	0.74Kg
Bidirectional RS-232 (all baud rates up to 115,200)	12v 1A inline power supply (optional)