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.
Advanced scaling
seamlessly combine 4K and 1080p displays

Asymmetrical matrix sizes
Configure in increments of one, no more fixed matrix limitations

PoE powered
Simplifies installation by eliminating plug packs

**FEATURES**

- CEC control
  Take direct control of displays
- Auto Device Discovery
  Quick and easy configuration for fast installation set up
- Advanced video wall
  Bezel correction, screen rotation with iPAD control

**BENEFITS**

- Advanced scaling
- Asymmetrical matrix sizes
- PoE powered

**ENCODER**

- HDMI 1.4 with HDCP 2.2
- Independent routing of audio/video/serial/IR/USB 2.0
- De-embedded audio out on encoder
- 1Gb PoE network
- Latency 1 Frame end to end
- Dante 2 channel audio
- Bidirectional RS-232 (all baud rates up to 115,200)

**DECODER**

- Bidirectional IR (infrared)
- Analog stereo audio input
- Digital audio PCM, LPCM, Dolby True HD, DTS, DTS-HD Master
- Audio loop and HDMI loop
- Up to 16x16 Video wall creation
- Video wall bezel correction
- 220 mm x 25 mm x 130.2 mm (LxWxH)
- 0.74Kg
- 12v 1A inline power supply (optional)

**SPECIFICATION**

- Input resolutions up to Ultra-HD 4K/60/4:2:0
- Output resolutions up to Ultra-HD 4K/30/4:4:4
- Input resolutions up to Ultra-HD 4K/60/4:2:0
- Output resolutions up to Ultra-HD 4K/30/4:4:4

**CONTACT**

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