PROTON

Delta Media Server

7THSENSE

- With real-time warp and blend features, camera-based auto-alignment options, support for up to 4 projectors per server and full genlock, the Proton is ideal for 3D interactive mesh mode, pixel mapping and live capture.

Proton is capable of playing 4 × HD/WUXGA/2K of uncompressed playback at 60 fps in 4:4:4.

Performance

- TGA or DPX native standard file format playback
- Supports up to 4 × HD/WUXGA/2K projectors from one server
- Up to 4096 × 2160 60 fps in 4:4:4 / 4 × 2K 60 fps in 4:4:4 all in uncompressed playback
- Frame-based movie sequence and timeline workflow

Display Matching

- Flat, curved, 3D mesh screen shapes plus passive or active stereo 3D
- Real-time warp and blend
- Camera-based auto-alignment (third-party providers)
- Pixel-accurate synchronisation including full video genlock between servers
- 3D interactive mesh mode with multiple eye-points and meshes for object / building mapping
- Overlap and underlap creation

Interactivity and Control

- Multiple timeline capability and reserve (emergency) timeline
- ASCII text-based external control via TCP/UDP/RS232*, plus internal macro scripting and Art-Net™/DMX* command value mapping
- User creation and customisation of simple web-based interface
- Remote preview of any server's playback output

* Optional features may be dependent on available hardware interface in the Delta Media Server model and licence(s) purchased

PROTON

Delta Media Server

Specifications	
Video output	4 × 3G-SDI outputs or 4 × DisplayPort™ / HDMI® outputs with live EDID spoofing
Audio output	8 channels unbalanced (4 × 3.5 mm TRS mini jacks) options for 8 channels balanced outputs, Dante® Virtual Soundcard
Storage	up to 7 TB internal SSD
Live capture options	4 × SDI or 2 × DisplayPort, or 2 × HDMI
Networking	2 × 10G RJ45 ports
Front panel control	health status plus control over playback
External control	Web control over EDID, playback plus user-created control web pages
Backup	Backup media storage (spindle-based) option available Backup OS or RAID 1 OS optionally available
Dimensions	2RU: 89 × 483 × 545 mm (H × W × D)
Weight	18 kg
Power supply	110 VAC-220 VAC, 1.5-0.8 A (typical)
Power	165 W
BTU rate	564

Technical specifications are subject to change without prior notice. Please check www.7thsense.one for the latest information.

Last updated: 04 Sept 2023