

HMS1 - HIGH PERFORMANCE MEDIA SERVER

Datasheet



HMS1

- ▶ 8x (4x) DisplayPort 1.2 synchronised outputs
- ▶ 3 TB storage space with enterprise SSD
- ▶ Maximal data throughput 3.5 GB/s
- ▶ Optional 4x 3G live input card for synchronised QFHD

HMS stands for high performance media servers.

The HMS1 is available with 8 or 4 outstanding DisplayPort 1.2 outputs. The server is able to reproduce synchronised 12x QFHD image sequences in DDS 50 p. Its performance is reflected by its impressive storage space of totally 3 terabyte. A throughput of 3.5 GB/s for multiple highly resolved videodata do not leave anything to be desired. HMS1 offers 4x 3G SDI Inputs to be synchronised to QFHD 60 p as live input.

The HMS1 is a powerful media server, which is equipped with 8 (4) synchronised outputs via DisplayPort 1.2 (max. 8x 3,840 x 2,160 pixel at 60 p). These can be adapted to HDMI/DVI. The storage space of the Enterprise SSD is 3 TB and comes with a redundant RAID-5-System. The maximal data throughput is 3.5 GB/s.

Up to 12x synchronised QFHD 50 p clips can be played out in combination with a quad 3G SDI Capture Card. On the software side the server uses a Christie Pandoras Box Software Player Licence with 32 (16) video layers and unlimited graphics layers. Up to 4x BMP single image sequences at 1080 50 p can be given out synchronised by the media server. On the input side a 4x 3G live input card is available enabling a synchronised QFHD live input.

HMS-1 Playback Performance

	Full-HD	2K	QFHD	4K
Compressed (DDS 50p)	16+	16+	12	10
Uncompressed 25p	6	5	2	2
Compressed (DDS-YCoCg*1 25p)	16+	16+	7	7
Uncompressed 50p	4	3	1	1