

MEDIACAST MEDIA MONSTER

MODELS: MM12 / 24 MM-PRO 5 / 7 / 14

MediaCAST
by Inventive Technology

MediaCAST Media Monster is a high-performance, direct-attached digital content storage array. Connected to Media Appliances they provide cost-effective storage expansion.

OVERVIEW.

MediaCAST® Media Monster™ stores and streams high-quality video, audio and other digital media assets. They attach directly to a Media Appliance through a high-speed SCSI connection. The Media Appliance applications handle the control and streaming of the video and audio content.

Content stored on Media Monsters is available on-demand for many people to view simultaneously. The capacity for concurrent users can be scaled through a combination of deploying multiple Media Monsters and/or multiple Media Appliances. The optimal design depends on the maximum number of concurrent video streams required for each unique library of content.

Media Monster provides a scalable and modular storage platform. Up to eight Media Monsters can be connected to each Media Appliance. If you need more capacity, just add a second Media Appliance with up to 8 more Media Monsters for virtually limitless scalability. MediaCAST Enterprise™ Module allows for automatic content replication, load-balancing, and the creation of multiple media server farms. The architecture allows expansion of the number of simultaneous streams into the tens of thousands.

COST-EFFECTIVE STORAGE.

Media Monster direct-attached storage offers a far more cost-effective storage solution compared with traditional high-performance SAN deployments. This savings is compounded when many terabytes of video content needs to be replicated to multiple datacenter SANs. Content storage duplication is required in order to spread out the streaming load across a large enterprise network when bandwidth is insufficient to support the desired number of concurrent streams.



Media Monster models are available in a range of sizes and support the full-range of industry-standard video, audio and other media formats. All models are easily upgradable with non-proprietary hard drives.

Video/Audio Streaming

- H.264/AVC
- Windows Media
- Flash
- Mpeg 1/2/4
- WebM (VC8) coming soon

**Additional media and content formats supported but not listed.*

MediaCAST Media Monster is an energy-efficient, direct storage array for Media Appliances. It utilizes 50% less power consumption and has double the performance of previous SAS storage.



Scalability & Performance

MediaCAST Media Monsters are available in configurations ranging from 6,000 to 30,000 hours of video storage at DVD-quality (10,000 hours of HD-quality). Storage can be expanded by adding one to eight units. This scalable architecture provides up to 192TB (80,000 hours of HD video) in each media server farm.

Media Monster Models:

MCAST-MM-PRO5 (5.4TB expandable to 7.2TB, RAID5)

MCAST-MM-PRO7 (7.2TB RAID5)

MCAST-MM-PRO14 (14.4TB RAID5)

MCAST-MM-12 (12TB expandable to 24TB, RAID5)

MCAST-MM-24 (24TB RAID5, RAID5)

SPECIFICATIONS.

Software

- Configuration through Media Appliance connectivity provides performance optimization with I/O load-balancing across redundant paths
- Single or redundant path for 4 up to 8 arrays connected to each Media Appliance

Hardware

- Chassis: 2U rack mount with slide-out racks, 24-bay hot-swap array
- Storage: RAID 5, 6Gb/s 7.2k rpm Nearline SAS array (PRO - 6Gb/s 10k rpm SAS)
- RAID controller interface with dual ports for single path or redundant path configuration. Hot-spare configurations and RAID 6, 10, 50 and 60 optionally supported.

Dimensions

21.3" (54.1cm) D x 18.98" (48.2cm) W x 3.4" (8.7cm) H with Bezel

Weight- 35 to 51 lbs. (23kg)

Power

Redundant Power Supplies – Energy Smart 600 Watt Load-Balanced Power Supplies with 2 Power Cords, 110/240v
Normal Operating Load – 8.6A

Warranty 3-Years, Next Business Day On-Site Parts and Labor