

MediaStar Interactive Video On Demand iVOD (472)

MediaStar Interactive Video On Demand (iVOD) is server based software that, in conjunction with MediaStar Media Manager and Media Portal, allows for the ingest, storage, streaming and display of video content "on demand" to Media Players, PCs and wireless iOS/Android devices.



Key Features

- All iVOD content is easily accessible from PCs, iOS and Android devices using the Media Portal
- A wide number of file formats are supported with auto file conversion to iVOD format.
- Full on-screen control of content is possible with play/pause/skip
- MediaStar Media Players offer full control of iVOD content using timed playlists and user selectable channels.
- iVOD operates with a centralised server for high bandwidth environments or in distributed mode to a network of MediaStar Media Players when only a lower bitrate is available
- iVOD server content is represented as icons that can be dragged onto Portal pages, playlists and user selectable channels

Models

- 472-60
- 472-200
- 472-500
- 472-1000
- 700-472-60

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Server Based iVOD

Cabletime's MediaStar iVOD solution provides fast access to media content libraries. Once an iVOD server is introduced to the network it will automatically be detected by the Media Manager software. The new iVOD server will be represented as an icon in the Media Manager workspace from which you can begin assembling content.

When new media content is dropped onto the Media Manager workspace, it will be automatically converted to a format suitable for streaming and distributing. It will then be copied to the central Linux iVOD server and if needed, to selected MediaStar Media Players. See Distributed iVOD below.

Administrators can enable user access to iVOD content by dropping a contact link onto any MediaStar Portal Page. When the Portal Page is published the url can be distributed to all or selected users, who will then be able to access the content via their PCs, iOS and Android devices, all with full playback control.

iVOD content is also fully available to displays supported by MediaStar Media Players. iVOD channels can be accessed at the Media Player with an IR remote control, keyboard or mouse, with full playback control of the content. Administrators can enable access within timed windows or as user selectable channels.

Distributed iVOD

When a MediaStar Media Player is configured to use Distributed iVOD, the content files are downloaded to the Media Player's internal flash storage. This would be a preferred method for remote locations where bandwidth is limited, or not always available. Where you have remote clusters of Media Players the distributed content will only be downloaded once, with the Media Players copying the content between themselves on the local LAN. This peer to peer sharing across MediaStar Media Players removes any single point of failure or the need to have costly content servers available at remote locations. MediaStar iVOD server licensing is based on the expected

maximum bitrate output of the server, with licenses available for 60, 200, 500 and 1000 Mbps data rates.

Specifications

Whats in the box	<ul style="list-style-type: none"> • Server pre-loaded with MediaStar IVOD software • Server rack mount kit • DVD c/w MediaStar IVOD software • Certificate of authenticity and streaming licence.
PRODUCT SPECIFICATION	iVOD Server Requirements <ul style="list-style-type: none"> • Debian or Redhat Linux distribution 32/64 bit, based on libc6
	iVod Server Hardware Requirements <ul style="list-style-type: none"> • Up to 200Mbit/sec streaming requires 2-core processors, 2GB RAM, single SATA drive (or 2 with Raid 1 redundancy) • 500Mbit/sec streaming requires 4-core processors, 4GB RAM, 4 * SATA drive in RAID 5 or RAID 0+1 • Recommended rack mount servers are Dell R220 (2 drives), R320 (4 drives) or HP DL320e (2 or 4 drives) • An hours worth of SD content (6Mbps MPEG2) typically requires 2.7GB of disk storage. • An hours worth of HD content (10Mbps H264) typically requires 4.5GB of disk storage.
	Distributed iVod Hardware Requirements <ul style="list-style-type: none"> • MediaStar 780-4GB Media Players with v3.6 or higher software • MediaStar 780 SL or AV Media Players with v3.6 or higher software • SL and AV Media Players come with 8GB internal storage as standard but can be fitted with up to 128GB