

StreamCache™ 3000

High-Ingestion Digital Video Server

The GoBackTV StreamCache high ingestion video server provides up to 1700 hours of real-time storage, and sufficient disk throughput to simultaneously ingest 100 digital channels and serve up to 480 independent 3.8Mbps MPEG-2 video streams.

The StreamCache is tailored to the demanding I/O requirements of narrowcast digital video services such as time shifting, network Personal Video Recording (nPVR), Video-on-Demand (VoD), and Broadcast-on-Demand (BoD).

Its highly scalable 2RU configuration makes it easy to start small and grow to virtually unlimited service deployments with very high availability.



Key Features and Benefits

Features	Benefits
Time shifting, nPVR, and VoD-ready	Versatile high input / high output capability enables time shifting, VoD, and network video recording applications.
Gigabit Ethernet I/O	Supports both centralized and distributed broadcast, VoD, and iTV applications. Allows use of standards-based Gigabit Ethernet for transport economies.
High-ingestion	Records up to 100 simultaneous channels of video with real-time storage and access. Ideal for nPVR.
High-throughput	Serves up to 2 Gigabit per second of video traffic; equivalent to 480 simultaneous 3.8 Mbps MPEG-2 streams. Supports both VoD and nPVR.
Trick-play functions—pause, start over, jump back, jump ahead, return to live	Allows subscribers to watch television the way <i>they</i> want to see it.
Storage capacity	Up to 1700 hours of video storage in 2 RU (at 3.8 Mbps).
Supports CBR and VBR streams, in HD and SD	Supports video rates up to 20 Mbps. Can mix high-definition and standard-definition streams.
Multiple codecs	Supports MPEG-2, MPEG-4/AVC, and others.
CLI console	Local and remote command-line control of the chassis enables scripting or batch configuration of multiple units.



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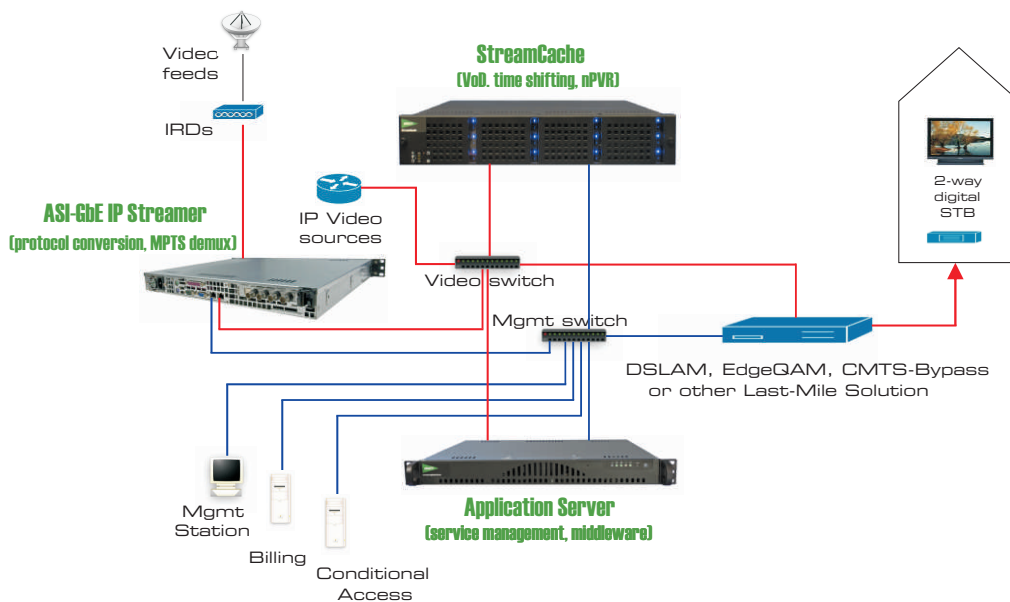
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StreamCache™ – Specifications

Video Interfaces	Gigabit Ethernet 10/100/1000Base-T (RJ-45) : 1 port input / 2 ports output IP/UDP, IP unicast/multicast, native Ethernet
Storage Capacity	Up to 1700 hours @ 3.8 Mbps
I/O capacity	Ingestion capacity: up to 100 simultaneous 3.8 Mbps streams Output capacity is 2 gigabit Ethernet, 480 streams @ 3.8Mbps
Stream Rates	200 kbps up to 20 Mbps
Processing	Stream storage and playback Time shifting (pause, forward, rewind, startover, return to live) Network PVR (nPVR) Stream switching Multicast, unicast, and broadcast
Control Interfaces	1 port Fast Ethernet 10/100/1000Base-T (RJ-45) : Management Serial (RS232) : CLI
Power	Input voltage: 100-240 VAC, 50/60Hz Power consumption: 350W Redundant 400W power supplies
Environmental	Operating temperature: 0 to 35° C Humidity: Maximum 5%-95% (non-condensing) Storage temperature: -40° to 70° C
Dimensions	3.5" H x 17.25" W x 27.0" D / 8.9cm H x 43.8cm W x 68.6cm D 19" rack-mountable (2RU high)

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The RetroVue® System

Order Information

SC3216R: SC3000 chassis, 540 hours

SC3240R: SC3000 chassis, 1400 hours

LIC-SC0300: SC3000 software license, 1 NIC enabled

LIC-SC0360: SC3000 software license, 2 NIC enabled

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