Quicklink Enterprise & Quad 2 Playout Servers

The Quicklink Enterprise & Quad 2 Playout Servers are feature-rich, high performance, video distribution platforms. They have been designed to seamlessly receive, decode, manage, and play out any live or recorded video.
The servers allows the distribution of multiple incoming live feeds via the Quicklink Media Manager (QMM) to multiple end-points, as well as the management of stored H.264 and H.265/HEVC files. The Quicklink Enterprise & Quad 2 Playout Servers guarantee peace of mind thanks to their high level of resilience and hardware monitoring system.

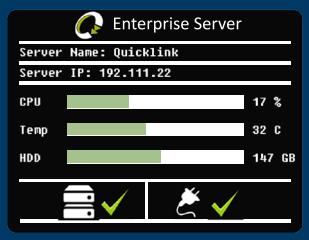
Product Highlights

Hardware

- Single channel and multi-channel options:
  - **Enterprise:** 1 HD/SDI and HDMI output for flexible integration into existing workflows
  - **Quad 2:** up to 8 SD/HD SDi outputs for multiple simultaneous transmissions
- Real-time server hardware monitoring
- Front loading hot swappable Solid State Drive in RAID configuration
- LCD display for server status updates
- Dual Xeon Processor
- Dual Ethernet ports for networking
- XLR input for balanced audio talkback
- Dual power supply for redundancy

Real-time server hardware monitoring and alert system

- The LCD screen displays hardware monitoring information such as temperature, processor load, available disk space, server name, server internal IP, power and RAID state.
- The Quicklink Server Monitoring software provides hardware statuses and can be configured to email notifications.



LCD screen for the Quicklink Enterprise & Quad 2 Playout Server

What makes the Enterprise and Quad 2 Servers unique?

Stored Media Delivery

Web Based Broadcast Manager (WBBM)
On premise video content storage and transfer system

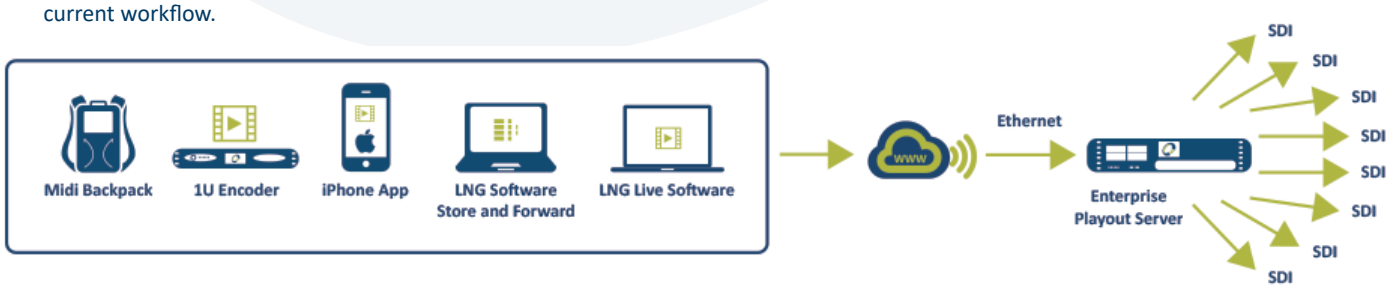
- Delivers all industry standard video formats for routing and distribution through either Enterprise or Quad output options
- Advanced playout options allow for video content manipulation including video-interlacing, and field re-ordering.
- Remote control from any location, securely, using a web browser.
- Multi user access with control permissions allows optimal flexibility with maximum security.
- Manage large amounts of files in real-time with general archiving and sorting options.
- Playout, pause, rewind and fast forward up to 4 simultaneous videos.
- Upload status email notifications to control room operators.
- Installation on pre-existing hardware is possible to optimise your current workflow.

Live Video Stream Delivery

Live Receiver
Point to point live video streaming application with Forward Error Correction (FEC). The Live Receiver automatically plays out on HDMI and SDI outputs. The application provides technical information on the live video delivery.

Accelerate and optimise files transfer with FileCatalyst®:

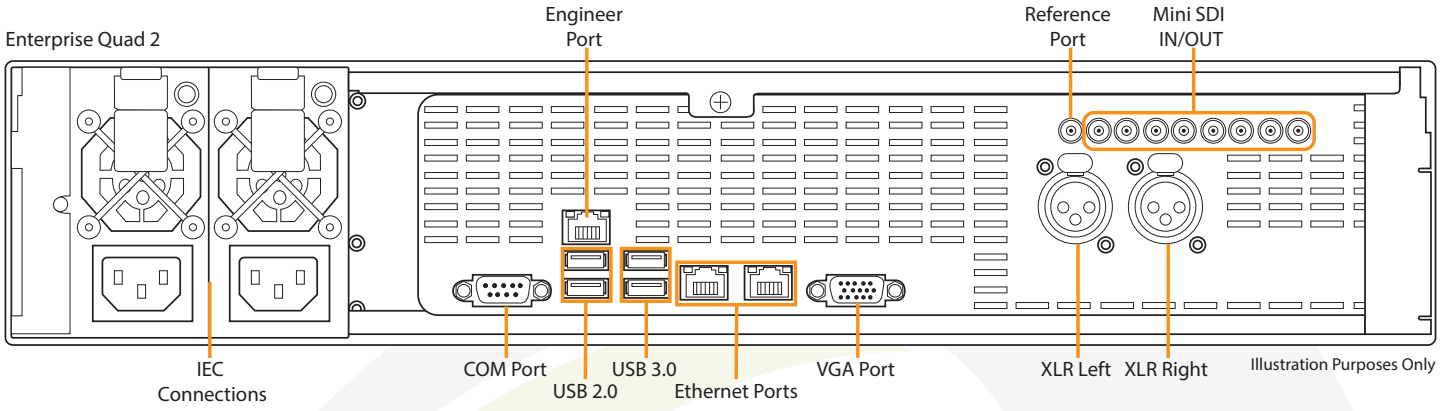
Large file transfers is proven to be more efficient with FileCatalyst® compared to standard FTP.



Contact: Technium 2, Kings Road, Swansea, SA1 8PJ, Wales, United Kingdom
Tel: +44 1792 720880 - www.quicklink.tv - sales@quicklink.tv

QUICKLINK
Video Over IP Solutions

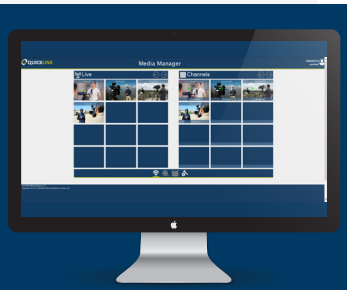
Enterprise & Quad 2 Playout Servers
Workflow & Technical Specification



Quicklink Media Manager* (QMM)

Powered by Wowza Streaming Engine™, QMM allows the distribution of up to 15 unbonded incoming live feeds to multiple end points from one central interface. The source of the stream can be received from any Quicklink encoder. The streaming can be automatised with the Auto Play option for an even quicker video distribution. QMM is available as a cloud based service or can be hosted on the Quicklink Enterprise & Quad 2 Playout Servers.

*Only supports H.264



The Quicklink Media Manager (QMM)

	Standard Playout Server	Standard Quad Playout Server	**Enterprise Playout Server**	**Enterprise Quad 2 Playout Server**
Multiple SD/HD incoming streams	4	4	4	4-8
Processor	i7	Xeon	Dual Xeon	Dual Xeon
10-bit SD/HD-SDI Video and SDI Embedded Audio Output	1	4	1	4-8
HDMI Video and Audio Output	1		1	
Analog Video Output	1	4*	1	8*
AES/EBU Audio Output	1	4*	1	8*
Talkback- 3.5mm jack	✓	✓		
Talkback - Balanced XLR input			✓	✓
NDI™ Video over IP Dante/ Livewire+ AES67 Audio over IP Support*	✓	✓	✓	✓
Genlock/Sync Reference Input	✓	✓	✓	✓
4K Upscaling	✓		✓	
High Availability - Redundant hardware, server monitoring and alert system			✓	✓
Hardware Unit Height	1U	1U	2U	2U
Size: 480mm (W) x 44mm (H) x 250mm (D) Weight: 4.2 Kg	✓	✓		
Size: 480mm (W) x 88mm (H) x 570mm (D) Weight: 15.7 Kg			✓	✓

* Additional Hardware Required

Contact: Technium 2, Kings Road, Swansea, SA1 8PJ, Wales, United Kingdom
Tel: +44 1792 720880 - www.quicklink.tv - sales@quicklink.tv

QUICKLINK
Video Over IP Solutions