

QVM6800+ Quad Cards

Quad-Split Multiviewer Cards for the 6800+™ Core Processing Platform



The Harris[®] QVM6800+ quad-split cards bring full multi-image processing functionality to the popular Harris 6800+™ modular core processing platform. Providing comprehensive control and monitoring at a low cost, the QVM6800+ cards offer a revolutionary small-footprint multiviewer solution that is ideal for outside broadcast/mobile production vehicles, studio production facilities and existing 6800+ users.

QVM6800+ is available in two versions — a standalone Quad card for standard four-inputs-to-one-display applications, and the QVM6800+C flexible cascading model, which allows multiple cards to be linked together to build larger systems (for instance, link four cards together to form a 16-input multiviewer). The unique cascading functionality of the QVM6800+C allows the user to build and reconfigure a multiviewer architecture to suit the varied and changing applications in any workflow.

The QVM6800+ cards are designed for use in the 2RU, 20-slot 6800+ frame. This industry-leading frame offers integral cooling, enhanced hot-swappable power supplies and a lightweight construction, while supporting a full range of modules for processing, distribution and conversion. As each QVM6800+ card occupies only three 6800+ slots, up to six quads can be populated in a single frame alongside any of the other hundreds of 6800+ cards — offering a great space-saving solution.

Both QVM6800+ cards feature four auto-sensing inputs, as well as simultaneous DVI and HD-SDI outputs — ensuring exceptional image quality. In addition, both cards offer resolutions up to 1920x1200 (1920x1080 when cascading) and embedded audio and video alarm capabilities.

QVM6800+ Quad Cards

- Auto-detect up to four analog, HD (720p, 1080i, 1080p) or SDI (525, 625) inputs
- Cascading model can be configured to provide up to 24 sources on one display
- Auto-detect analog, HD (720p, 1080i, 1080p) or SDI (525, 625) inputs
- 3 Gb/s-capable
- Native HD and SD input processing to ensure excellence in picture quality
- DVI-D output up to 1920x1080 when cascading or 1920x1200 in fixed quad model simultaneous DVI and HD-SDI output
- Lowest minimum frame delays (< 1 frame) — critical in production environments
- Embedded audio ballistic meters and alarms
- Full-screen, quad-split and any four-window display configuration
- NTP + LTC timecode support and digital clock display
- Instant display reconfigurability: all four inputs are scalable and resizeable
- Numerous options for flexible operator control — Z-Configurator™ software
- Dynamic and static UMD protocol support
- Configurable preset layouts
- Configurable tally lamps with up to four tally lamps per video window
- On-screen alarms and SNMP notification for immediate response
- On-screen clock and timer
- Full 3 Gb/s capabilities via software license

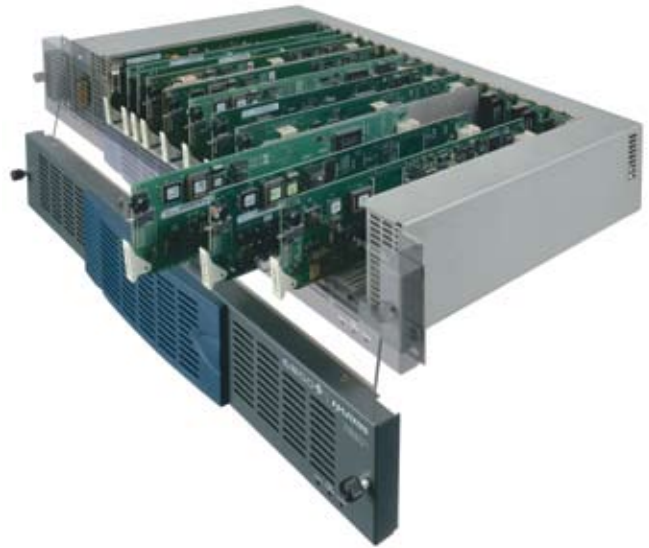
Control/Ease of Use

With an extensive standard feature set, the QVM6800+ multiviewer cards have numerous control options, including the intuitive Z-Configurator™ layout editing software — an easy-to-use Windows®-based editor that allows a user to quickly configure any Harris multiviewer for setup and operation. With Z-Configurator, a user can create and edit on-screen layouts, adjust system configurations such as network settings and resolution, set up and enable alarms, and access control functionality by selecting audio monitor output and full-screen operation.



6800+ Modular Platform

The 6800+ modular core processing platform addresses virtually any application and makes it easy to migrate to new standards without rebuilding your infrastructure, thus providing significant savings. With a lightweight construction perfect for any fixed or mobile installation, the frame supports a full range of modules for AV processing and multiplexing, advanced audio, networking, 3 Gb/s processing, compression, distribution, frame synchronization, HD conversion, fiber optics and multi-source monitoring.



For more information, please visit www.broadcast.harris.com/multiviewers.

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