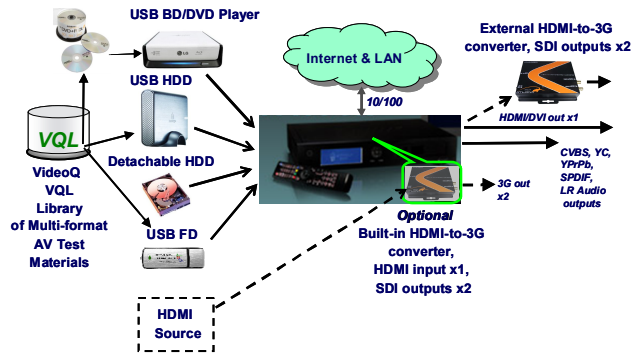# VQS-300 – HDMI / 3G-SDI Reference Media Player

Video & Audio Playout for 21st Century Displays and Video Processors Testing and Calibration

- Versatile compact and robust multi-purpose media **platform** provided by world-renown **Syabas** – *value for money*
- Comprehensive **library** of **live clips** and unique sophisticated dynamic **test patterns** and **sequences**
- **All** commonly used **resolutions**, **aspect ratios**, **frame rates** and **interlace** modes
- **HDMI** 1.3a fully compliant output, **3G-SDI** (Levels A & B) /HD-SDI/SDI outputs – up to 1080p60 resolution
- Ideal tool for Demos, Video QC, R&D, Home Theater Installation & Calibration, Technical Training, Benchmarking

VQS-300 plays AVC/H264 files with bitrates up to 150 Mbps, so 1080p60 test patterns looks like uncompressed!

VQL Content Categories

- Scaling, Cropping, Interlace, and Sharpness Tests
- Levels, Colors, and Gamma Tests
- Motion Portrayal and Motion Blur Tests
- Moving Zone Plate, including 3D versions
- Standard Line-based Test Patterns
- Live clips – high quality samples
- Audio Tests in 5.1 surround & 2.0 stereo formats

VQS-300 Features

- Content sources: LAN/WiFi, Internet, FD/HDD/DVD/BD
- VQL – Preloaded library of multi-format Test Patterns and Clips
- Proprietary file encryption scheme for secure playout
- 2.5 ppm accurate system clock to meet full 3G-SDI broadcast specs
- Zoom & Pan – up to 400%, easy QC, "boosted" artefacts visibility
- BD/DVD menus structure navigation support, incl. HDD folders
- Front side bay for detachable SATA HDD – up to 2 TB of content
- Analog YPrPb, CVBS, S-video, and LR Audio outputs
- Robust metal case 430x280x70 mm – desktop or rack-mount

Resolutions and Frame Rates

720x480:	59.94p, 59.94i
720x576:	50p, 50i
1280x720:	50p, 60p
1920x1080:	23.98p, 24p, 50i, 60i, 50p, 60p

Files in any resolution are played-out in actual size or scaled to the selected size and aspect ratio

Aspect Ratios

Normal: **4:3, 16:9**
Letterboxed: **2.35:1 for 16:9, 16:9 for 4:3**
Anamorphic: **2.35:1 for 16:9, 16:9 for 4:3**

VideoQ, Inc. – California-based company, focused on video test & measurement and video enhancement technologies, products and services. More than 50 man-years of award-winning experience in the field of Broadcast, Consumer Electronics, Transcoding and Video Data Compression.

VideoQ is a renown player in calibration and benchmarking of Displays, Video Projectors, Transcoders, Graphics and Video Processors, instantly revealing artifacts, problems and deficiencies, thus raising the bar in video quality experience.

Other related VideoQ products:

VQS-200   *VQL*   *VQCT*   *VQMA*   *VQP*