

**4K  
UHD**

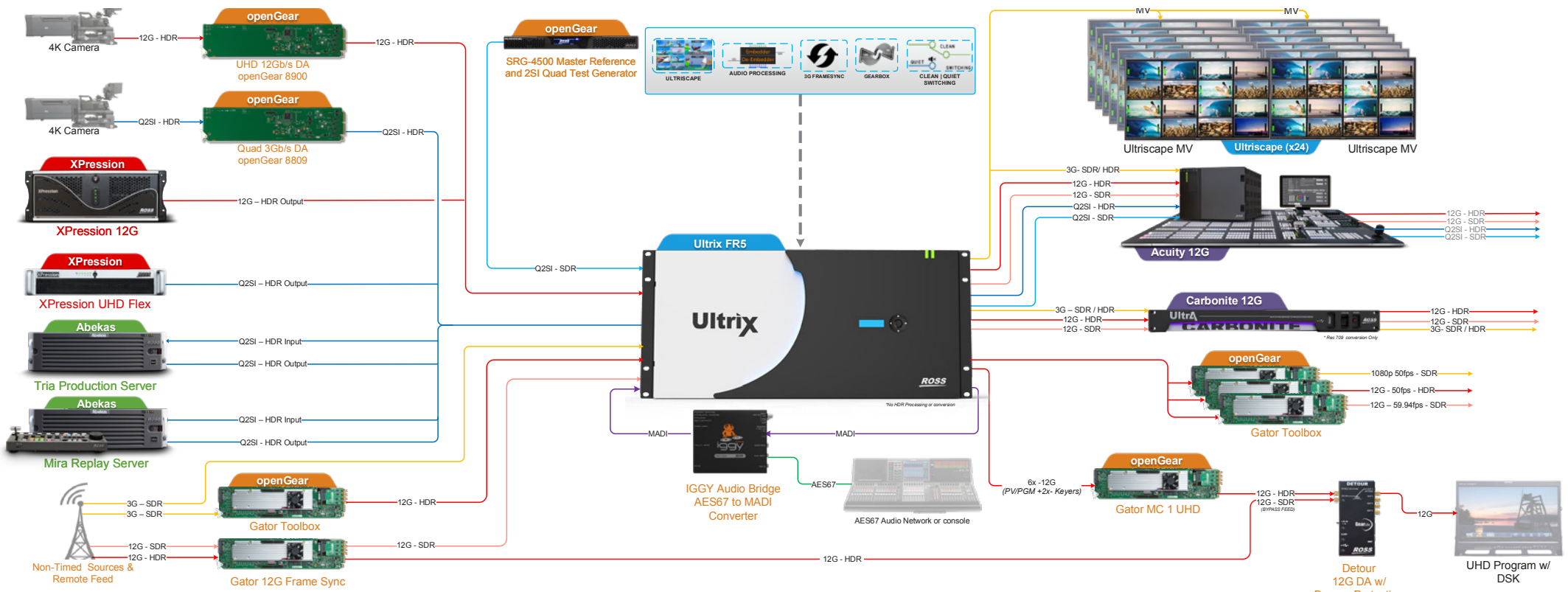
12G, SDI, HDR, WCG AND 4K UHD

## **4K UHD PRODUCTION SOLUTIONS**

4K UHD is rapidly becoming an in-demand production format as the world's television manufacturers cease production of High Definition displays in favor of 4K UHD displays with support for High Dynamic Range (HDR) and Wide Color Gamut (WCG) and as live web streaming and broadcasting begin to transition to 4K UHD. Ross has a growing 4K UHD portfolio that will have you producing impressive results for these new large format displays.

The next generation of Serial Digital Interconnect (SDI), 12G extends SDI into 4K UHD applications with the plug & play ease-of-use and reliability that we know and love from SDI. Ross has been a pioneer in 12G SDI which has now been broadly adopted with a large ecosystem of products and vendors supporting the standard.





**XPression**

- 12G**
  - Single Line UHD over 12Gb/s SDI
  - 12G SDI Key/Fill Output
  - 12G SDI Inputs x 2 | 3G Outputs x 2
- UHD Flex**
  - UHD Quadlink 2SI – 1 Fill / Key Output
- HDR**
  - HDR & WCG support

**Abekas**

- Tria Production Server**
  - 4 or 8 Channel HD Play or Record
  - Up to 2 UHD Quadlink 2SI Outputs
  - 10Bit Record and Playback for HDR Support
- Mira Replay**
  - 4 or 8 Channel HD Play or Record
  - Up to 2 UHD Quadlink 2SI Outputs
  - 10Bit Record and Playback for HDR support

**openGear**

- 8900-Series 12G Distribution
- GATOR-TOOLBOX Up/Down/Cross with HDR
- GATOR-SYNC 4 Channel UHD Frame Sync
- GATOR-MC1- UHD Master Control and Branding
- SRG-4500 Timing and UHD Test Generator

**Ultrix**

- 16x-160x UHD Routing Platform.
- 12Gb/s 10 Bit Video Routing
- Advanced Audio Embedding/De embedding and Processing
- Video Clean/Quiet switching
- Up to 27x Multiviewers
- UHD Gearboxing
- 3G Frame Syncs on every input

**Acuity | Carbonite**

- Acuity 12G**
  - 30 12G or 2SI In, 15 12G or 2SI Out
  - 4ME | 4Keyer UHD Production Switcher
  - HDR & WCG I/O Conversion
- Carbonite 12G**
  - 2 ME + 2 MiniME UHD Production Switcher
  - 18 In HD/12G/
  - 10 Out HD/12G/
  - HDR -Rec 709 HLG Conversion

