



NAB 2020: PHABRIX launches QxL – the world’s most compact, feature-rich 25G IP ST 2110 rasterizer

Newbury, UK – 2 March 2020: PHABRIX, a worldwide leader in test and measurement instruments, is pleased to announce it will be launching its QxL 25G IP rasterizer at NAB 2020, booth C9515. The QxL is the world’s most flexible UHD-25G rasterizer, created to address the needs of professional broadcast media IP networks in a compact form factor.

The QxL inherits all the JT-NM Tested features of the Qx with a common look and feel across both platforms. Out of the box, this 10G/25G IP enabled rasterizer supports JT-NM TR 1001-1:2018, 2110-20 (video), 2110-30 (PCM audio), 2110-31 (AES transport), and 2110-40 ANC media flows all with 2022-7 Seamless IP Protection Switching (SIPS), and independent PTP slaves on both media ports for fully-redundant media network operation.

The toolset also provides support for DHCP on all IP ports, unicast DNS-SD, AMWA NMOS IS-04 Discovery and Registration, IS-05 Connection management, system resource, and Network Topology Discovery using Link Layer Discovery protocol (LLDP).

IP media interfaces are provided as standard and SDI media interfaces with optional SDI Eye and Jitter measurement are available as a factory fitted option. The flexible user-friendly GUI provides up to 16 user-configurable windows with presets for rapid visualization of different traffic and workflow configurations.

A suite of operator level IP flow health and PTP monitoring is provided with warnings and alarms. For detailed analysis and debug, the new IP-MEAS toolset provides advanced engineering-grade information including four 2022-7 Packet Interval Time (PIT) displays, media port network statistics, real time measurements of Flow to PTP relationships and latency plus real-time measures of 2110-21 Cinst and Vrx.

Phillip Adams, CEO, PHABRIX, said, *“QxL is amongst the first devices of its type for which SDI is an option – not part of the core. It therefore delivers an unparalleled price performance entry point for the modern HD IP broadcast ops user – with the flexibility to evolve the firmware with UHD, QC, engineering and HDR options designed to meet the evolving needs of the business whilst future proofing the investment. QxL retains the same highly innovative and accessible user interface as the Qx, meaning that there are minimal re-training costs for existing Qx users – and the complexities of ST 2110 and NMOS operation are presented to the user in an intuitive and accessible manner. We’re very excited to introduce this revolutionary piece of test and measurement technology at NAB 2020.”*

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About PHABRIX

PHABRIX is a world leader in broadcast test and measurement, with a full range of portable and rackmount systems for rapid fault diagnosis, compliance monitoring, and product development. Technology strengths include IP video stream generation and analysis, advanced HDR/WCG visualization, and ultra-responsive physical layer analysis. The product portfolio includes the top-of-the range Qx Series for hybrid IP, 4K/UHD, and HDR/WCG signal generation, analysis, and video/audio monitoring. The advanced, rackmount Rx range provides fast intermittent fault diagnosis in 3G/HD-SDI environments, using video capture and remote access. For applications demanding ultra-portable instruments, the company also offers the award-winning Sx range. PHABRIX maintains its headquarters and manufacturing facilities in the UK. PHABRIX is a member of the Leader Electronics Corporation group of companies. www.phabrix.com