

Village Island and B&M Introduce AI100 – The First True Real-Time JPEG-XS + ST-2110 Analyzer –

Tokyo, JAPAN / San Jose, USA, March 20th, 2025 – Village Island Co., Ltd. (VI) and B&M VIDEO TECH, LLC. (B&M) proudly unveil the AI100, a next-generation ST-2110-20/-22/-30/-40 Analyzer & Generator designed for real-time, in-depth stream analysis. Built on VI and B&M’s extensive experience in delivering ST-2110, ST-2059, ST-2022, and NMOS systems, as well as the widely deployed VICO series of JPEG-XS/ST-2110 encoder/decoder/gateways, the AI100 fills a critical industry gap.

A true real-time Analyzer, not just a tester or monitor device

Unlike conventional ST-2110 monitoring devices, which focus on receiving, decoding, and displaying video streams with simple alarm detection, the AI100 provides in-depth, real-time syntax analysis. It offers precise ST-2110 insights deep down to the level of JPEG-XS payload headers, video support box, color specifications box, and codestream structure, ensuring users can diagnose and verify every aspect of their ST-2110 streams with unmatched accuracy.

“We developed AI100 because we saw a missing solution in the industry—most ST-2110 tools decode JPEG-XS but lack real-time data verification,” said Michael Van Dorpe, CEO of Village Island. *“With our background in ST-2110 system deployments and JPEG-XS-based VICO solutions, we made the AI100 to offer broadcasters and engineers a tool that goes beyond video monitoring to full syntax validation, not only for video but also audio and ancillary. Using the integrated PTP clock (ST-2059), the analyzer can do an accurate analysis of the IP PHY layer and buffer.”*

Key Features of AI100

- ✓ Real-time analysis and generation of ST-2110-20/21/22/30/40 IP streams
- ✓ In-depth JPEG-XS syntax analysis (headers, payloads, codestream structure)
- ✓ ST-2110 encapsulation & decapsulation (not just monitoring)
- ✓ Ethernet PHY layer & ST2022-7 redundancy analysis
- ✓ PTP (ST-2059 v2) synchronization with waveform visualization
- ✓ IP stream capture up to 1GB for post-analysis
- ✓ User-friendly control via touch panel, keyboard/mouse, or web GUI
- ✓ Portable 3RU (8” display) or 1RU rack-mountable form factor

“The AI100 isn’t just another ST-2110 tester and monitoring device —it’s a true analyzer built from real-world broadcast experience,” said Violet Wang, General Manager of B&M. *“With our proven expertise in ST-2110 and JPEG-XS technology, we designed a tool that enables engineers to dive deep into the heart of their IP video workflows, and for an affordable price.”*

Meet AI100 at NABSHOW 2025! - See the AI100 in action at [NABSHOW 2025](#) in Las Vegas, April 5-9 (at B&M & VI Booth #W3856 and at intoPIX Booth #N2452). Experience first-hand how AI100 redefines ST-2110 stream analysis

About Village Island

VILLAGE Island is based in Tokyo and has international activities that include distribution, integration, development, and services. With its dedicated team and network of qualified professionals, “VI” offers a full range of hardware and software technologies and highly integrated, flexible, and cost-performing solutions for all broadcast and streaming needs. VILLAGE Island’s typical customers are broadcast/telecom operators, TV/Radio stations, system integrators, HE equipment, and STB/TV manufacturers. VILLAGE Island

has a wide customer base with over a thousand systems deployed. This success is due to VI's engineering mind and spirit of teaming up with customers, focusing on delivering practical solutions to concrete needs.

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About B&M

B&M is a leading provider of 8K and 4K video audio equipment and solutions for the high-end video audio broadcast, video-over-IP networking, and transmitting markets. We excel in designing, manufacturing, and marketing video infrastructure products with unparalleled quality and reliability. B&M provides the uncompressed 8K/4K HDR UHD delay lines, Up-Down cross converters, UHD SDI synchronized switchers, keyers, ST2110 video over IP converters, gateways & processors, equipped with JPEG-XS or TICO compression codecs, make it possible for broadcasters to seamlessly transition between 8K/4K UHD SDI and IP workflows.

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