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### **VadaTech Announces a 3U VPX Timing Module with IRIG-B, GPS, 1PPS, IEEE1588 and SyncE**

Henderson, NV – March 13, 2024 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [VPX336](#). The VPX336 is a 3U VPX module providing a complete timing solution. The VPX336 has 1PPS, Sine Wave clock, IRIG-B input, IRIG-B out and a GbE. Additionally, it has an on board 5 x DPLL. The DPLL synchronizes 1Hz to 750MHz, providing frequency with jitter cleaning of noisy references. Complies with ITU-T G.8286, G.813, G.812 and Telcordia GR-253/GR-1244.

The module will automatically holdover upon loss of reference while still providing its time/frequency outputs to the rest of the system. The DPLL on the board allows for fast lock to 1HZ input taking only 3 to 60 seconds depending on the reference input compared to 10 minutes or more for previous solutions. The VPX336 has RS-232 routed to the front as well as to the rear (P2 connector). The rear RS-232 has an option to be level shifted or simply as LVCMOS. The VPX336 provides standard NMEA format via RS-232 for external devices. Please consult with VadaTech Sales to discuss the product and specific ordering options.

#### **About VadaTech**

[VadaTech](#) provides innovative embedded computing solutions from board-level products, chassis-level platforms, to configurable application-ready systems. With a focus on AdvancedTCA, MicroTCA, VPX and PCIe solutions, the company offers unmatched product selection and expertise. A unique combination of electrical, mechanical, software, and system-level expertise, enables VadaTech to provide customized commercial or rugged computing solutions to meet the most complex customer requirements. VadaTech also offers specialized product solutions for VME, CompactPCI, and other architectures. A member of PICMG and VITA, VadaTech has headquarters, design and manufacturing facilities in Henderson, NV with design, support and sales offices in Europe and Asia Pacific.

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