Company Contact: Dan Marland 702-896-3337 dan.marland@vadatech.com
VadaTech, Inc. www.vadatech.com

VadaTech Announces a new Advanced Secure Keyboard, Video and Mouse (KVM) Transmitter

Henderson, NV – December 15, 2020 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the VT085/VT086. VT085, when used in conjunction with a VT086, forms a complete KVM extension over a secure LC Fiber link. Data is encoded using a proprietary algorithm which, together with the use of fiber, combats interception of sensitive data.

The VT085 encodes the USB2.0 as well as dual DP++, Display Port (DP) or HDMI and transmits the data over LC fiber. The video can be up to 4K resolution on each of the two video inputs. The output (VT086 side) has video overlay capability with the overlay images being programmable and controlled over Ethernet by the user. Video encode/decode is lossless. The VT085 configuration and management are available via serial port.

The VT085/VT086 encoding/decoding and data processing is done in hardware for a very low latency protocol. The glass to glass latency is less than 20ms. The module supports white listing of attached USB devices. The host USB can only numerate approved devices, preventing unauthorized access. It can also store a secure key to ensure the unit cannot be compromised. In addition, it utilizes ruggedize I/O connectors for harsh environments.

The VT085/VT086 is orderable with a fan less enclosure or optionally as a board-level product without enclosure. This allows customers to fully integrate the unit into their own user console.

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.

VadaTech, Inc. www.vadatech.com 198 N. Gibson Henderson, NV 89014