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Vubiq Networks Announces FCC Certification of the HaulPass V10g 10 Gbps Wireless Link

The company also announces Canadian ISED compliance

IRVINE, CA, October 29, 2018 – Vubiq Networks, Inc., the innovation leader in high-speed millimeter wave wireless broadband solutions, today announced that it has received Federal Communications Commission (FCC) certification for the HaulPass V10g, the company’s groundbreaking 10 Gbps V-Band wireless link. In addition, Vubiq announced that the V10g complies with the Canadian Bureau for Innovation, Science and Economic Development (ISED) for license-free V-Band operation in Canada.

The HaulPass V10g delivers high-speed, full-duplex wireless data connectivity at distances up to 1.8 kilometers (over one mile). Unlike E-Band solutions, the V-Band-based V10g does not require an FCC license for operation in the United States, nor a Canadian license for operation in Canada.

The innovative HaulPass V10g radio link provides 10 Gbps direct fiber-to-radio connectivity for maximum throughput and minimum latency. It also provides 2 x 1.25 Gbps Ethernet connectivity via a fully integrated Ethernet switch, offering 2.5 Gbps aggregate throughput for Ethernet connections.

“We’re pleased to announce FCC and Canadian certifications for our V10g link,” said Vubiq CEO John Dilworth. “Offering breakthrough, blazing speed in a compact footprint, our HaulPass V10g provides immediate ROI thanks to license-free operation, an economic price point, and rapid, pain-free deployment.”

The HaulPass V10g radio is housed in a compact, ruggedized enclosure designed for extreme weather operation. Featuring the company’s Adaptive Code Modulation and Baud (ACMB) technology, the code rate, modulation and baud are instantly set in real time, resulting in hitless adjustment to link conditions. This advanced feature maintains critical traffic transport even in the most adverse weather conditions.

“Like Wi-Fi or Bluetooth, the HaulPass V10g V-Band link can be deployed virtually anywhere without licensing by regulatory agencies,” said Mike Pettus, founder and CTO of Vubiq Networks. “This allows for easy, cost-effective deployment of HaulPass V10g radios in enterprise, campus, ISP, private and carrier networks. The 60 GHz unlicensed spectrum allows large bandwidths that support very high bit rates. 10 Gbps and higher throughputs will be necessary to enable future needs in telecommunications ”

Providing 500 MHz to 2 GHz channel bandwidth, the V10g provides many inherent benefits, including interference immunity, deployment flexibility, and easy network reconfiguration.

“With our patented Modular Integrated Waveguide technology, we’ve been able to leapfrog the competition for ultra high-speed wireless broadband applications,” said Mr. Pettus. “Our innovative, affordable HaulPass V10g radio represents a future-proof solution that meets the wireless broadband needs of today and tomorrow.”

HaulPass V10g features include:

- 2 x 1.25 Gbps Ethernet and 10 Gbps fiber wireless link
- V-Band license-free operation
- Up to 1.8 km (over one mile) point-to-point range
- Compact footprint, only 3.8 kg (8.4 lbs.)
- Low power requirements via PoE++ or standard 48 VDC
- Hitless adaptive coding, modulation and baud rate
- Intelligent automatic gain control for maximum network throughput

- SNMP v 2.0 with private MIB and radio MIB
- Cost-effective, easy-to-deploy solution

About Vubiq Networks

Vubiq Networks, Inc. is a privately held millimeter wave innovation company headquartered in Irvine, California. The company designs, manufactures and markets proprietary, high-bandwidth, millimeter wave wireless transmission products that enable full-duplex, multi-gigabit speed transport with full integration of software-defined layer 2 networking capabilities. In addition, Vubiq Networks continues to innovate in the millimeter wave market with solutions in video transport, wireless data center solutions, RFID tag decoding, and synthetic aperture radar applications. Vubiq products and solutions are strategically protected by 15 technology patents.

For further information, please visit www.vubiqnetworks.com or contact info@vubiqnetworks.com.

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