

EION Launches Gigabit Point-to-Point and Point-to-MultiPoint Wireless Radios for Rural Broadband and Enterprise Applications

TeraLink Gen2 delivers up to 1 Gbps throughput, based on 802.11ac Wave 2.0 technology, with EION's advanced HyperTrust Interference Mitigation Technology

OTTAWA, ON, CANADA (OCTOBER 6, 2020) — **EION Wireless**, a leading manufacturer of wireless systems for secure, private networks, today announced that it is launching a suite of Gigabit broadband products called TeraLink, using the 802.11ac, Wave 2.0 standard. In our current times of the global pandemic, the new normal is to work and learn from home. In addition, even as schools reopen, we have now engaged in a hybrid teaching/learning model of both online and in-class sessions, which will continue into the foreseeable future. This requires advanced broadband technology driven by multiple factors: the sheer number of people requiring high-speed service, driving throughput capacity requirements; multimedia streaming; and the critical need to serve unreachable areas in rural and remote communities across Canada and around the world.

EION's TeraLink is targeted for such high-capacity requirements for both rural broadband and enterprise applications. The power of TeraLink Gen2 is not only its high-capacity capability, but also its security and unparalleled interference mitigation technology. The security features include: AES128, WEP, WPA1 and a full stack firewall. The product cannot only operate in the unlicensed frequency of 5.8 GHz, but also in the public safety frequency of 4.94 GHz. The operational frequency range is from 4.94GHz to 6GHz, to meet the demand of international markets. TeraLink Gen2 offers enterprises and service providers a wide range of channel bandwidths of 5, 10, 20, 40 and 80 MHz.

Some of the feature highlights of TeraLink Gen2 are:

- IEEE 802.11ac/g/n Wave 2.0 Compliant with 2X2 MU-MIMO technology
- Option for 2 x Gigabit Ethernet Ports or 1 x Gigabit Ethernet (POE) & 1 x Fiber Port
- MU-MIMO Access Point/Client (Station), WDS Mode
- DFS Channel Support
- Automatically scan and switch to best channel after a period of time (default is 60 seconds)
- Frequency Scan list locking on CPE
- Management VLAN, Data VLAN and VLAN Passthrough Support
- Port -forwarding
- DHCP Server with Traffic Rules
- Static Routing Support
- SNMP Support (v1/v2/v3)
- Custom LED Settings
- TCPDUMP Support

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One of India's leading system integrators, Neon Networks' Director, Mahesh Kumar, says of EION's deployments across India, "EION has delivered Point-to-Point and Point-to-MultiPoint products with utmost reliability and performance. Delivering the Gigabit solution, TeraLink Gen2, is the next logical step and I am sure this will also be a great success," adds Mahesh Kumar.

"The ultra-ruggedness of the product is the right fit for today's need of rural broadband. In addition, enterprises are demanding high-throughput small to medium backhaul, for which TeraLink Gen2 would be a perfect solution," says Doug Reid, System Architect, EION Wireless. "HyperTrust is the most advanced interference mitigation technology available and has been implemented in Gen2 products, which will help deliver high-performance in the crowded unlicensed spectrum," concludes Doug Reid.

Over the past 20 years, EION has been a trusted provider of rugged communications infrastructure globally, with over 350,000 radios deployed worldwide. The JF-12 Certification recently received from the US Army Spectrum Office clearly demonstrates that EION's products can be rapidly adopted to deploy wireless networks where NATO frequencies are being used.

About EION Wireless:

EION Wireless, headquartered in Ottawa, ON Canada, is a global provider of Broadband Wireless Access products that enable effective, economic and secure wireless high-speed communications solutions. Formed in 2001, EION is a global provider of 4G Mobile LTE solutions, and high-speed broadband wireless products. With Global Customer Support Operations in India, and multiple regional sales offices around the globe, EION Wireless works with more than 165 worldwide channel partners to support some of the largest 4G deployments in the world. EION Wireless has established over 50 Gold partners globally. EION channel partners support various enterprise sectors such as Oil & Gas, WISP, Government Institutions, Mining, and Public Safety & Security. EION products are sold to Tier I and II Service Providers directly. www.eionwireless.com.

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