



Company Contact: Justin Moll, Pixus Technologies Justin.moll@pixustechnologies.com 519-885-5775

New 1U Rackmount Dual X310 Software Defined Radios From Pixus Feature Superior Cooling, Ruggedization

Waterloo, Ontario — Nov 6, 2023— Pixus Technologies, a provider of embedded computing and enclosure solutions, has announced a new rackmountable 1U tall enclosure that holds two of NI's Ettus Research brand X310 Software Defined Radios (SDRs). The new 1U unit boasts superior cooling with front-to-rear airflow.

The air-cooled RX310 meets Transport Grade ruggedization for military rackmount applications. The semi-rugged enclosure features a thicker and reinforced metal structure. With a front-to-rear airflow orientation, the inside of the unit was carefully designed to cool any potential hot spots in the system.

With IP67 weather-resistant and full MIL rugged design styles available, the RX310 series can be used in various types of airborne, shipboard, ground vehicle, or outdoor designs. Example applications include SIG-INT, passive RADAR, smart agriculture, smart energy, and prototyping systems for advanced wireless (WiFi/Cell/MIMO). Pole-mount and other special mounting options are available.

Pixus also offers other ruggedized SDRs from NI, including the X410, B210, N310 and more. The company also develops specialty form factor ruggedized enclosures upon request.

About Pixus Technologies

Leveraging over 25 years of innovative standard products, the Pixus team is comprised of industry experts in electronics packaging. Founded in 2009 by senior management from Kaparel Corporation, a Rittal company, Pixus Technologies' embedded backplanes and systems are focused primarily on ATCA, OpenVPX, MicroTCA, and custom designs. Pixus also has an extensive offering of VME-based and cPCI-based solutions. In May 2011, Pixus Technologies became the sole authorized North and South American supplier of the electronic packaging products previously offered by Kaparel Corporation and Rittal.