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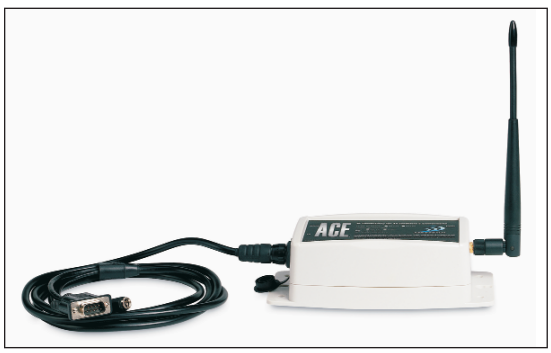
Outdoor RF Modems Feature Rugged Construction

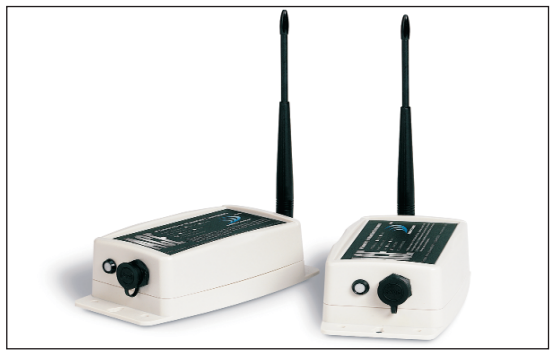
New outdoor-mounted RF modems are compatible with the company's other stand-alone and embedded wireless products

In response to market demand for affordable heavy-duty wireless equipment, AeroComm Inc. has introduced the ACE family of RF modems. ACE6490 and ACE6790 are housed in rugged NEMA-4x enclosures, designed to withstand the rigors of an outdoor environment. Each product delivers variable output power up to one watt at 900 MHz, maximizing range in the toughest environmental conditions.

ACE products embed two protocols that offer flexibility in a variety of applications. ACE6790 utilizes AeroComm's dynamic peer-to-peer protocol for enabling mesh topology, while ACE6490 employs the manufacturer's server/client networking architecture. Both products use reliable Frequency Hopping Spread Spectrum technology.

ACE modems are ideal for any application where weather or other harsh environments are a concern. The devices are designed specifically to handle these extreme conditions without sacrificing performance. Typical applications include SCADA, industrial control, outdoor signage and utility monitoring.





AeroComm's ACE RF modems are housed in a rugged NEMA-4x enclosure.

A convenient feature of the ACE products is the ability to use them with AeroComm's existing 900 MHz solutions. Both ACE6490 and ACE6790 transceivers have compatible over-the-air communications with all 4490- and 4790-series ConnexLink™ and OEM modules. Users can save additional cost by using ACE in the harsh area while communicating wirelessly to other AeroComm products in protected areas.

All AeroComm 900 MHz transceivers utilize FHSS technology, employ data-encryption standards and support transmit-power levels of up to one watt. ACE Evaluation Kits are available, featuring two transceivers, antennas, power supplies and cabling to assist customers with their assessment.

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