

Wireless F/T

Wireless Multi-Axis Force/Torque Transmitter



Product Description

The Wireless F/T is a pocket-sized wireless transmitter for up to six ATI Multi-Axis Force/Torque transducers. The Wireless F/T can stream to the user's host device for data collection, real-time motion control, or user-defined signal processing. The Wireless F/T comes in two configurations, one that supports up to six transducers and one that supports up to three transducers.

Product Features

- Communicates using IEEE 802.11 a/b/g/n at either 2.4 GHz or 5.0 GHz, so it can easily be used with an existing wireless infrastructure.
- Supports as many as six ATI transducers simultaneously.
- Typical range is 30 m (98 ft), in an office type environment. With unobstructed environments a 100 m (328 ft) range is possible.
- Small enclosure with robust mounting features:
Three Transducer Wireless F/T: 150 mm × 82 mm × 19 mm (5.9 in. × 3.2 in. × 0.75 in.), excluding mating connectors.
Six Transducer Wireless F/T: 150 mm × 82 mm × 33 mm (5.9 in. × 3.2 in. × 1.3 in.), excluding mating connectors.
- Battery life is approximately one hour at full measurement rate with six transducers enabled, and is extended significantly when using fewer transducers. External power may be used.
- Includes a Java demo program and source code.

Additional Capabilities

Multiple Power Options: Uses a removable, rechargeable battery that can be charged internally or externally. The Wireless F/T can be powered from the Micro USB connector, using an external, high-current, 5VDC power supply.

For detailed specifications on our entire line of Force/Torque Sensors, visit our web site at www.ati-ia.com.



Three-Transducer Wireless F/T Unit

