

# WiMER5

## Wireless Measurement Read Series 5



WiMER5 is a universal transmitter for optical and magnetic encoders with 90° phase shift, differential square wave, RS422 (TTL) output. WiMER5 provides a 5V power supply to the connected encoder, accurately interprets A & B quadrature signals with high-speed counter onboard, and transmits readings wirelessly via Bluetooth Low Energy.



### Features

- Compatible with a broad range of optical or magnetic and linear or rotary encoders
- Bluetooth Low Energy transmitter
- Multiple platform support (iOS, Android, PC and LabVIEW)
- Power supply, signal conditioning and data transmission all in one
- Rechargeable battery



Bluetooth Low Energy



Rechargeable



Multi-encoder compatibility



Multi-platform software capability



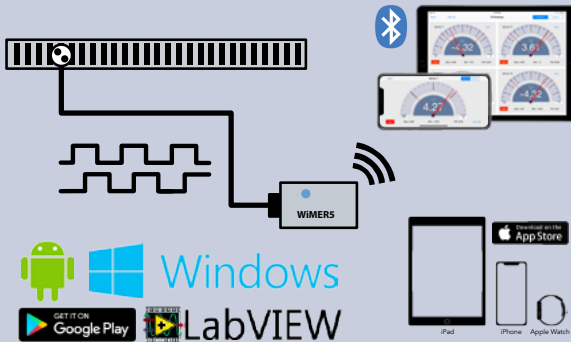
Multi-gage capability



Continuous recording and plotting



Data saving



WiMER5	Specification
Measurement Range	depends on encoder
Resolution	depends on encoder
Accuracy	depends on encoder
Wireless Data Rate	30 Hz
Transmission Range	20 m (indoors)/30 m (outdoors)
Dimensions	4.09 x 2.20 x 0.91 in
Working Temperature	0 - 50 °C
Rechargeable Battery	3200 mAh
Battery Life	30 hrs (depending on encoder)
Charging	5 VDC USB

### More Features with our FREE Apps/Software\*

- Simultaneous reading of multiple devices
- Data plotting on iPhone/iPad/Android
- Continuous or single data point recording
- Max, Min, TIR measurement
- Remote zeroing from the app
- GO/NG judgment with green/red color indication
- Real-time cloud data streaming worldwide
- Custom formula calculator
- Large analog probe meter with adjustable range
- Data saving in local database
- Data export in CSV via email and cloud drives
- Keyboard entry to Excel or SPC software on PC
- Apple Watch support



Availability of features varies between apps/platforms.

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The software & hardware can be customized.  
Contact Motionsics for details.

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