

NODE



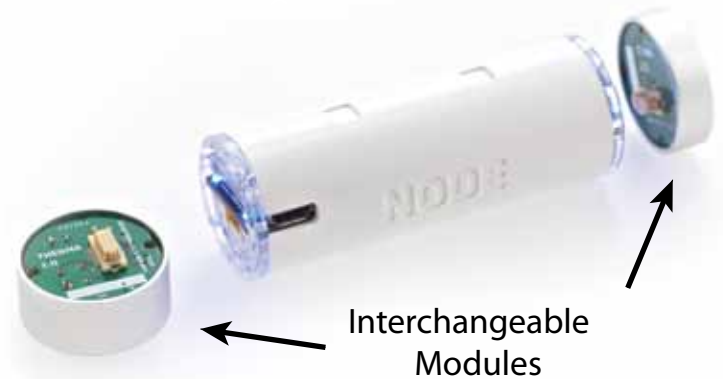
KORE *NODE's engine*

Accelerometer • Magnetometer • Gyroscope

VARIABLE TECHNOLOGIES

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Meet KORE, the heart of NODE. KORE is a handheld powerhouse with Low-Energy Bluetooth 4.0, a 9 degrees-of-freedom motion engine, a gyroscope, accelerometer, and magnetometer. Additionally, you can enhance KORE's functionality by attaching any of NODE's growing lineup of interchangeable sensor modules to either end. With KORE, you can measure movement, or add meaning to it. Your call.
(The KORE sensor platform is required for modules.)



APPLICATIONS

Motion mapping for animation or physical therapy
Motion-based cues like telling when the washer stops or the door opens
Impact testing
Use as a gesture-based remote control
Multiple, simultaneous data streams...
And whatever else you can imagine.

SPECIFICATIONS

Dimensions:

Diameter: 1 inch (25.4mm)
Length: 3.27 inch (83 mm)
Weight: 45g

Power:

Battery Life:
12 hr continuous use,
30+ days standby
Micro-USB Charging

Communications:

Bluetooth 4.0 Smart or Bluetooth 2.1
(Zigbee is available for large orders)
USB data communications
256-bit encryption engine

Sensor Capabilities:

3-axis accelerometer: up to +/-8g range, 0.061mg resolution
3-axis magnetometer: up to +/-8 gauss range, 0.04 milli-gauss resolution
3-axis gyroscope: up to +/-2000 degrees-per-sec, 0.061 degrees-per-sec resolution
9-degrees-of-freedom orientation engine

FEATURES

Highlights:

9 degrees-of-freedom motion engine
2 interchangeable module ports
Open API with all modules
Low-Energy, long-range Bluetooth 4.0

