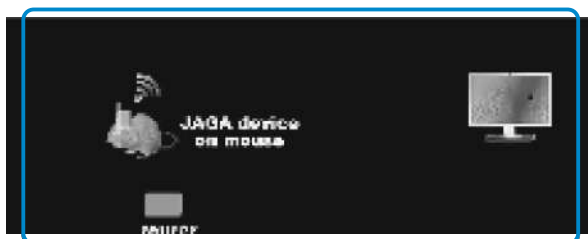


## JAGA systems

Wireless electrophysiology, once confined to a select few research laboratories, is becoming a growing need in the neuroscience community. Compact neural wireless recording devices had been challenging due to required bandwidth and power consumption. We are attempting to meet these challenges by harnessing recent progress in integrated circuits (e.g. [Intan Technologies, LLC](#)), low-power mobile technology used in other industries. We hope to bring innovative and affordable wireless electrophysiology solutions to the wider neuroscience community.



JAGA system: lightweight, compact, natural



Conventional system: wired, bulky, constrained

**JAGA systems** are a stand-alone, all-in-one-unit wireless electrophysiology recording device. Our plug and measure product enables a more natural and untethered neural recording environment.

- The entire device includes amplifier, digitizer, signal processor and transmitter.
- Fully digitized data for transmission
- Uses standard network protocol (TCP/IP over Wi-Fi) or commercially available low power RF protocol.
- Can be plugged into your electrodes via a connector.
- Uses rechargeable batteries that can be attached to the device or to animal's back.
- Data streams wirelessly to your computer.
- Alternative to conventional electrophysiology devices that are wired, bulky and more expensive.