DSP Wireless, Inc.

RCB-W24A-LVDS

WI-FI INTERFACE FOR NEURAL RECORDING AND DISPLAY.

The DSPW RCB-W24A-LVDS module is a low-cost, battery powered, 2.4GHz Wi-Fi interface for the Intan Technologies RHD2132 and RHD2116 amplifier (headstage) boards.

Useful for <u>untethered, awake, behaving recordings</u> of Action and Field potentials, ECoG, EKG, EMG.
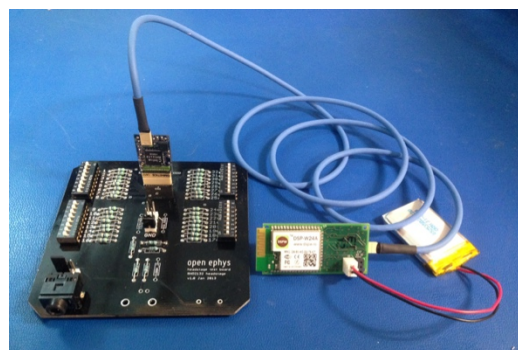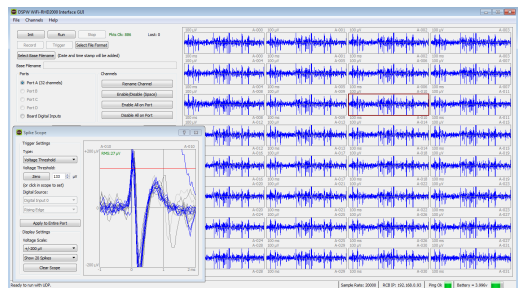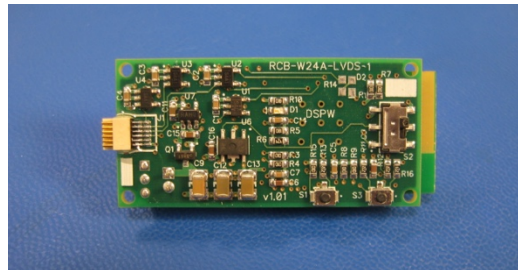
Special Conference price is $995.00.

Limited number of units available at this price. Includes wired USB power cable and PC GUI for setup, waveform display and recording.

Recording Software included at no charge.
- *Modified subset of the Intan RHD GUI.*
- *Easy to use configuration and control Sw.*
- *Waveform display and recording to disk.*
- *Real time battery meter.*
- *Wi-Fi packet loss and connection indicators.*
- *Windows 7 and 10 available today.*
- *MacOS and Linux versions in progress.*

RCB-W24A-LVDS Module Features:
- *2.4GHz 802.11n Wi-Fi interface.*
- *32 RHD2000 channels at 20ksps, 16 bits.*
- *16 RHD2000 channels at 30ksps, 16 bits.*
- *Differential SPI LVDS signal interface.*
- *12 Pin Omnetics LVDS connector.*
- *JST 2mm battery connector.*
- *PCB or external Antenna.*
- *Module footprint is 0.85" x 1.95".*
- *Embedded webserver for Wi-Fi configuration.*
- *Open API for network control.*
- *MIT MWorks network trigger plugin.*
- *Open-Ephys GUI network trigger plugin.*

Check out www.dspw.io for more info!

*Battery and test board not included.
*Intan RHD board/cable not included.

DSPW works with and thanks the following companies and organizations.