

A person with short reddish-brown hair is shown in profile, wearing a black EEG headset with 20 electrodes. The person is sitting on a sandy beach, looking out towards the ocean. The background is a soft, warm sunset over the water. The person is wearing a white t-shirt and a pink and white checkered backpack.

## Quick 20 Dry EEG Headset

Ultra-rapid with easy setup

No gels or cleanup

Comfortable - lightweight and wearable

Designed for mobility and high data quality

Open software - raw data access

# Cognionics Quick 20 Dry EEG Headset



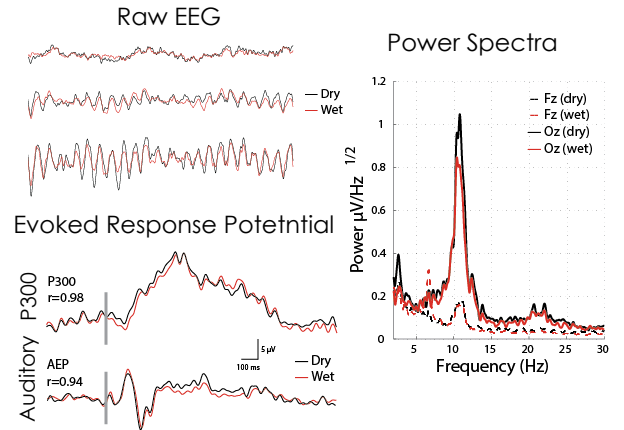
## Designed for Real-World Neuroimaging

- Raw unrestricted data access
- Wireless triggering for ERP precision timing
- Compatible with EEGLAB, BCILAB, Lab-StreamingLayer, OpenViBE, BCI2000, Brain Vision Analyzer and Neuroguide

## Dry/Mobile/Wireless

- Ultra fast application, no gels or cleanup
- Comfortable with minimal adjustments
- Comfortable and wearable
- Miniaturized wireless electronics

## High Signal Fidelity: Wet and Dry Comparison



## Noise and Artifact Resistant

- Advanced sensor pods
- Active shielding
- Active electrodes

## Dry Sensor Options

### Flex electrode

- Works through hair
- Soft, flexible legs
- no hard metal pins



### Drypad electrode

- For bare skin
- Ionically conductive polymer
- Cushioned surface



EEG Channels	Standard 10-20 positions (20-channels) with reference on A1
Extension Channels	8 analog inputs with optional module for ECG/EMG/Respiration/GSR/etc.
Impedance Check	Continuous, real-time monitoring of all channels simultaneous with EEG
A/D Resolution	24-bit simultaneous sampling analog-to-digital converters
Sampling Rate	500 samples/sec standard, 1,000-4,000 samples/sec optional
Bandwidth	DC - 130 (at 500 samples/sec), DC - 260 Hz (at 1,000 samples/sec)
Storage	Removable microSD/HC card for computer-free mobile recording
Triggering	Wireless, <1 ms jitter/latency, guaranteed by hardware with optional module
Power	Removable Lithium-Ion (4 hours wireless, 8 hours microSD)
Weight	340g

**Cognionics**

www.cognionics.com  
info@cognionics.com

**BRAIN VISION LLC**  
Solutions for neurophysiological research  
sales@brainvision.com

FC CE