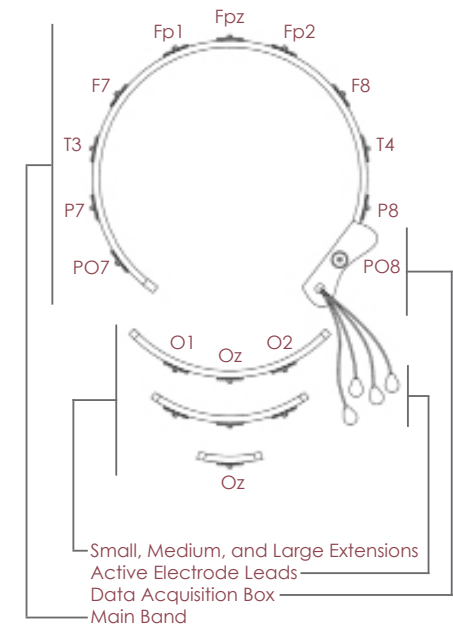


Dry Multi-Position Headband

Slim, lightweight, and wearable
Active dry electrodes
Research grade signal quality
Flexible positioning and configuration



Cognionics Dry Multi-position Headband



Flexible, Expandable, Versatile

- Optional millisecond precise wireless trigger for ERP research
- Optional auxiliary input module supporting up to 8 analog inputs for ECG/EMG/EOG, respiration, temperature, SpO₂, GSR, and more
- Open access to raw EEG and multiple real-time data output options
- Compatible with MATLAB/EEGLAB, Lab StreamingLayer, Neupype, BCI2000, OpenViBE, Brain Vision Analyzer, and Mensia
- Custom software development possible

Designed for Real-World Neuroimaging

- Active electrodes minimize noise and artifacts
- Wireless data streaming and on-board data logging
- Comfortable, soft fabric headband
- Detachable electronics, easy to clean
- Supports all frontal, temporal, and occipital locations
- All channels, reference, and ground can be repositioned
- Contact us for customization options

Channels	2-8 channels can be placed in any of 14 positions along the band
Extension Channels	Optional add-on module for ECG/EMG/EOG/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 Hz standard, 250-1000 Hz configurable
Bandwidth	0 - 130 Hz, true DC coupling
Storage	microSD and microSDHC
Triggering	Compatible with Cognionics wireless trigger
Power	Lithium-ion, 4-hr wireless, 8-hr microSD card
Weight	120 g

Dry Sensor Options

Flex electrode

- Works through hair



Drypad electrode

- For bare skin
- Ionically conductive polymer



 Cognionics

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 **BRAIN VISION LLC**
Solutions for neurophysiological research

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FC CE