

eego™ hub

From the cap to the cloud



We are excited to announce the NEW eego™ hub system offering a standardized high density EEG recording solution for demanding research laboratory applications. eego™ hub is a plug-and-play HD-EEG system with a in-built high-performance PC complete with cloud based data storage capacity.

eego™ hub has been carefully designed to serve the needs of multimodal brain research with an uncompromised EEG sampling rate of up to 16kHz and straightforward connections to a variety of

physiological sensors. It is ideal for laboratory-based research and publishing high-quality EEG data. eego™ hub is also suitable for multi-centric research studies that require collecting and sharing of massive amounts of brain data. The system can be easily transported and shared between research labs and the recordings can be conveniently stored and shared in the cloud. The system can also be used for dyadic studies to record synchronized 64-channel EEG for stationary simultaneous recording applications.

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eego™ hub is a fully integrated standardised high density EEG system making it ideal for lab-based stationary EEG recordings.

Designed to serve the demanding needs of researchers with an integrated high-performance PC, multi-sensor connectivity and multimodal capability. eego™ hub's unique software features and cloud data storage allow you to perform large scale multi-centric research studies.

- Stationary HD-EEG solution with 128 EEG channels
- In-built high-performance PC
- Option for two 64 channel EEG recordings in dyadic studies
- Uncompromised EEG up to 16 kHz sampling rate
- Input for additional 10 bipolar and 14 auxiliary channels
- Cloud-based data storage offers increasing storage capacity
- Multimodal compatibility for TMS, ExG, video, SpO2, eye-tracking, fNIRS, and more
- Higher signal quality through active shielding and high input impedance
- Dedicated 7-bit trigger input for ERP-studies and real-time synchronization with external devices
- Free SDK for real-time data access for BCI, neurofeedback and related applications
- Suitable for multi-centric research studies

The easy to use eego™ hub system is ideal for use with ANT Neuro's waveguard™ caps which have been used for decades in both clinical and scientific settings; providing short preparation times, comfort and superior signal quality.



waveguard™ fabric caps are CE marked medical devices, according to MDR (EU) 2017/745, CE class I, and have FDA 510(k) clearance. All the features for **eego™ hub** are research only. Manufactured by eemagine Medical Imaging Solutions GmbH, Berlin, Germany, ISO 13485 certified. ANT Neuro and eemagine are part of the neuromotion group. For more information about **eego™ hub**, contact us at sales@ant-neuro.com.

For more information about **eego™** and the regulatory status in your country, contact us at sales@ant-neuro.com.

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