The fastest way to research grade EEG.

www.ant-neuro.com/products/eego_mini_series

**eego™ mini-series product range**

Amplifier specifications

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<th>Highlights</th>
<th>eego mini-series</th>
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<td>Weight and dimensions (WxDxH)</td>
<td>&lt;100 g, 86x100x16 mm</td>
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<tr>
<td>Inputs</td>
<td>8 DC coupled leads + REF &amp; GND (24 bit)</td>
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<td>Input noise and impedance</td>
<td>&lt; 1.0 μVRMS (lowest sampling rate and signal range), &gt;1 GΩ</td>
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<td>Input signal range</td>
<td>150 – 1000 mVpp (programmable gain)</td>
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<td>Maximum sampling rate</td>
<td>2048 Hz (512Hz/1024Hz/2048Hz and 500Hz/1000Hz/2000Hz)</td>
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<td>Isolated trigger input (TTL)</td>
<td>2 bit TTL, electrically separated from patient lead</td>
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<td>eego software requirements</td>
<td>2GB RAM working memory, MS Windows 8.1 or above, USB 2.0 connection for amplifier</td>
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<tr>
<td>SDK requirements</td>
<td>2GB RAM working memory, MS Windows 7, 8, 8.1 (32bit, 64bit), 32 bit applications only, USB 2.0 connection for amplifier, Debian 9.x with gcc 4.9 compiler (32bit &amp; 64bit QN and applications) Control software must be compatible and designed for eego amplifier</td>
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**Designed for waveguard™ touch**

The eego mini amplifiers work wonders together with the 8 channel waveguard touch caps. The active shielding technology eliminates noise and reduces artefacts for clean, dry EEG signals.

“The waveguard touch dry EEG cap provides quick setup times and good signal quality. This is especially important since we want to be able to test a lot of athletes, on a daily basis. With their limited time for the recordings, we have to finish complete sessions within just 20 minutes. Right now, we are doing up to 60 recordings a week with waveguard touch, and we are very happy to be able to make such rapid progress in our data collection.”

- Dr. Brian Murphy, Chief Scientific Officer - BrainWaveBank Ltd. - Belfast, Ireland

**Highlights eego™ mini-series**

- Weight and dimensions (WxDxH) <100 g, 86x100x16 mm
- 8 DC coupled leads + REF & GND (24 bit)
- Input noise and impedance < 1.0 μVRMS (lowest sampling rate and signal range), >1 GΩ
- Input signal range 150 – 1000 mVpp (programmable gain)
- Maximum sampling rate 2048 Hz (512Hz/1024Hz/2048Hz and 500Hz/1000Hz/2000Hz)
- Isolated trigger input (TTL) 2 bit TTL, electrically separated from patient lead
- eego software requirements 2GB RAM working memory, MS Windows 8.1 or above, USB 2.0 connection for amplifier
- SDK requirements 2GB RAM working memory, MS Windows 7, 8, 8.1 (32bit, 64bit), 32 bit applications only, USB 2.0 connection for amplifier, Debian 9.x with gcc 4.9 compiler (32bit & 64bit QN and applications) Control software must be compatible and designed for eego amplifier

**eego™ amplifier is CE marked as a medical device in the EU, according to MDD 93/42/EEC, class IIa. waveguard™ caps are CE marked as medical device in the EU, according to MDD 93/42/EEC, class I.**

Manufactured by eemagine Medical Imaging Solutions GmbH, Berlin, Germany, ISO 13485 certified. ANT Neuro and eemagine are part of the neuromotion group.

The information in this document is not intended for users outside the European Union. For use outside the EU please send your inquiry to sales@ant-neuro.com

**eego™ amplifier**

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Information in this document is subject to change.

**www.ant-neuro.com/products/eego_mini_series**
eego™ mini-series: small package - great solutions

With our eego 8 solutions, research grade quality EEG or EMG is now possible from your pocket or the palm of your hand. All eight referential or bipolar channels are protected from interference by our artefact suppression electronics (active shielding), to deliver you the highest quality EEG, EMG, ECG, or EOG signals on the go. And of course they are great for real-time applications such as BCI and neurofeedback.

Compatible with our dry electrode caps

If you love our dry electrodes as much as we do, you’ll be happy to know that the eego 8 solutions are fully compatible with our waveguard™ touch EEG cap. By combining these innovative technologies, you’ll have your acquisition up and running in no time.

The advantages

- Our smallest and lightest solution for mobile high quality EEG recording
- Medically certified SDK for real-time data access
- Outstanding signal quality thanks to active shielding technology
- Great for real-time applications such as BCI, MoBI, Neurofeedback and Neuromarketing
- Both unipolar and bipolar setups available
- Multiple cap configurations
- Two trigger inputs
- Small device, humble price

Our solutions for you

ANT Neuro is one step ahead of the curve and provides suitable solutions for a number of different applications.

**eego™ rt 8:**

Our eego rt 8 solution is ideal for running BCI experiments or for integrating our hardware into your own software application. The SDK sets you up for a quick start of your research or development.

**eego™ sports 8:**

The eego sports 8 extends our popular eego sports range. This solution provides you with everything you need to assess, capture, and analyze the brain in motion. Optimally suited for applications such as sports and movement sciences, performance optimization for athletes, neurorehabilitation, and Mobile Brain Imaging (MoBI).

Potential areas of applications

- Neurofeedback
- Certified SDK licence
- Brain training
- Neuromarketing
- Brain-computer interfaces