

Advancing medical technology to help you, help others.





## **Experience The Cadwell Difference – Since 1979**

The benefits of owning a Cadwell system are numerous. Our development team understands and delivers what you need. Everyone at Cadwell stands behind our products and we all have the same goal - to keep you as a loyal, devoted customer long into the future.

## **Innovative Neurodiagnostic Instruments**

John Cadwell, BSEE, MD designed the first microprocessor controlled EMG instrument. In 1979 he and his brother Carl, DDS, formed Cadwell Laboratories, Inc. and began selling their device. Since then, Cadwell has been a leader in the development and manufacture of innovative and reliable instruments for neurophysiology. Many of these instruments have been providing decades of service to their owners.

Numerous patents are held by Cadwell, including those for magnetic stimulators, cable shielding designs, neural network analysis of EEG and database designs. Today, still located in Kennewick, Washington, John and Carl continue ownership of the company and come to work everyday to develop and market products ranging from EMG to EEG to PSG to IONM instrumentation and more. Cadwell has a firm hold of its identity and a dedicated focus on neurophysiology.

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## Cadwell Envisio Neurological Monitoring System – Helping you help others from anywhere

The Envisio system provides accurate and timely assessment of non-convulsive seizures and status epilepticus to help you respond to patients' needs in critical care environments. Remote access allows data viewing from anywhere on the hospital network, the nursing station, your office, or anywhere outside the network with internet access, including your smart phone.



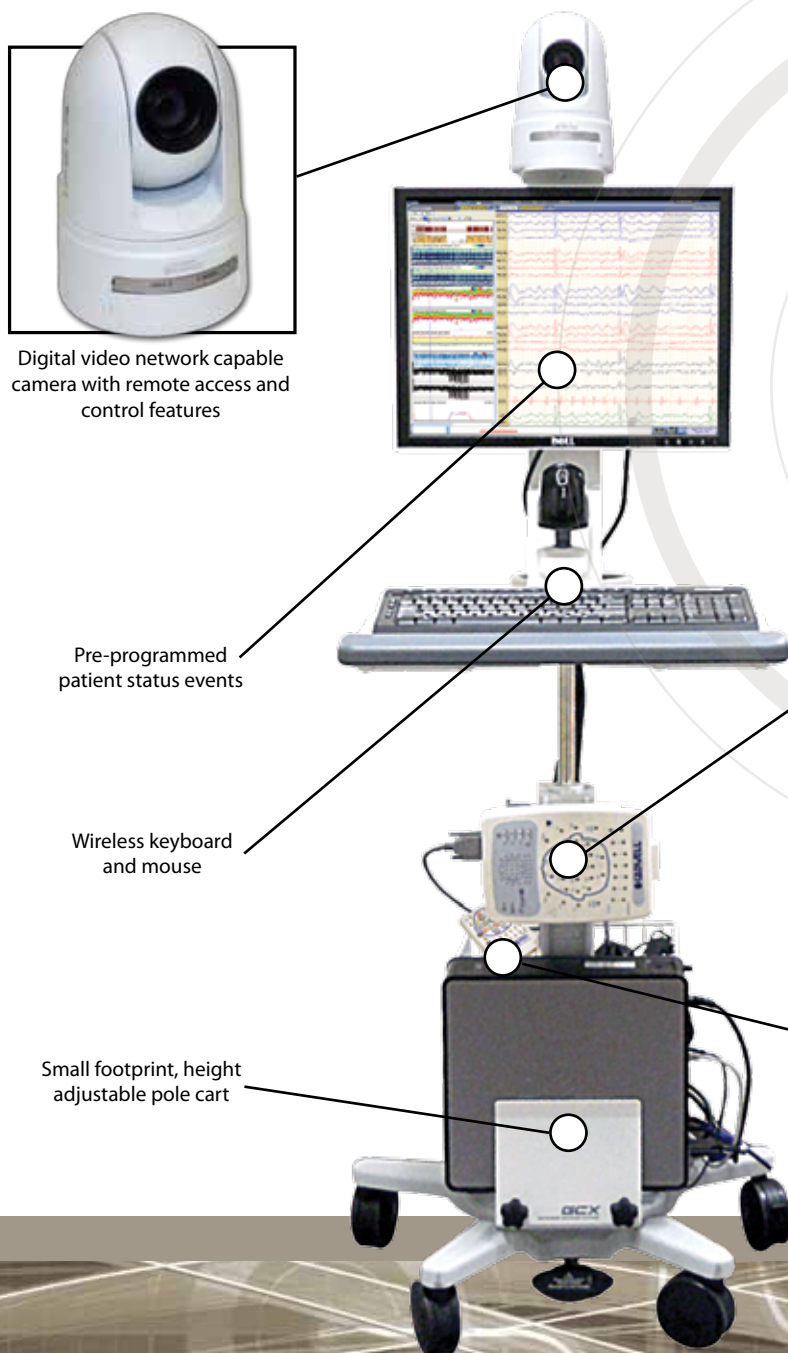
Envisio with video IP  
camera and Cadwell  
EEG amplifier

## Features of an Envisio System

The system is configured on a small footprint cart so it doesn't intrude on the tight space in the ICU or ER. Simplified software views show important data that all users in the neurological ICU can easily recognize. The Cadwell Sentinel Nurse Monitoring Station feature includes audio and visual alerts to let staff know when critical events occur with one patient or for multiple patients within the same ICU.



The Envisio system is comprised of the latest Cadwell Easy III EEG Amplifier with 54 channels and an integrated impedance measurement panel that allows quick assessment of signal quality. Color Coded Remote Input headboxes have a detachable cable. The system can be fully networked and accessed from anywhere.



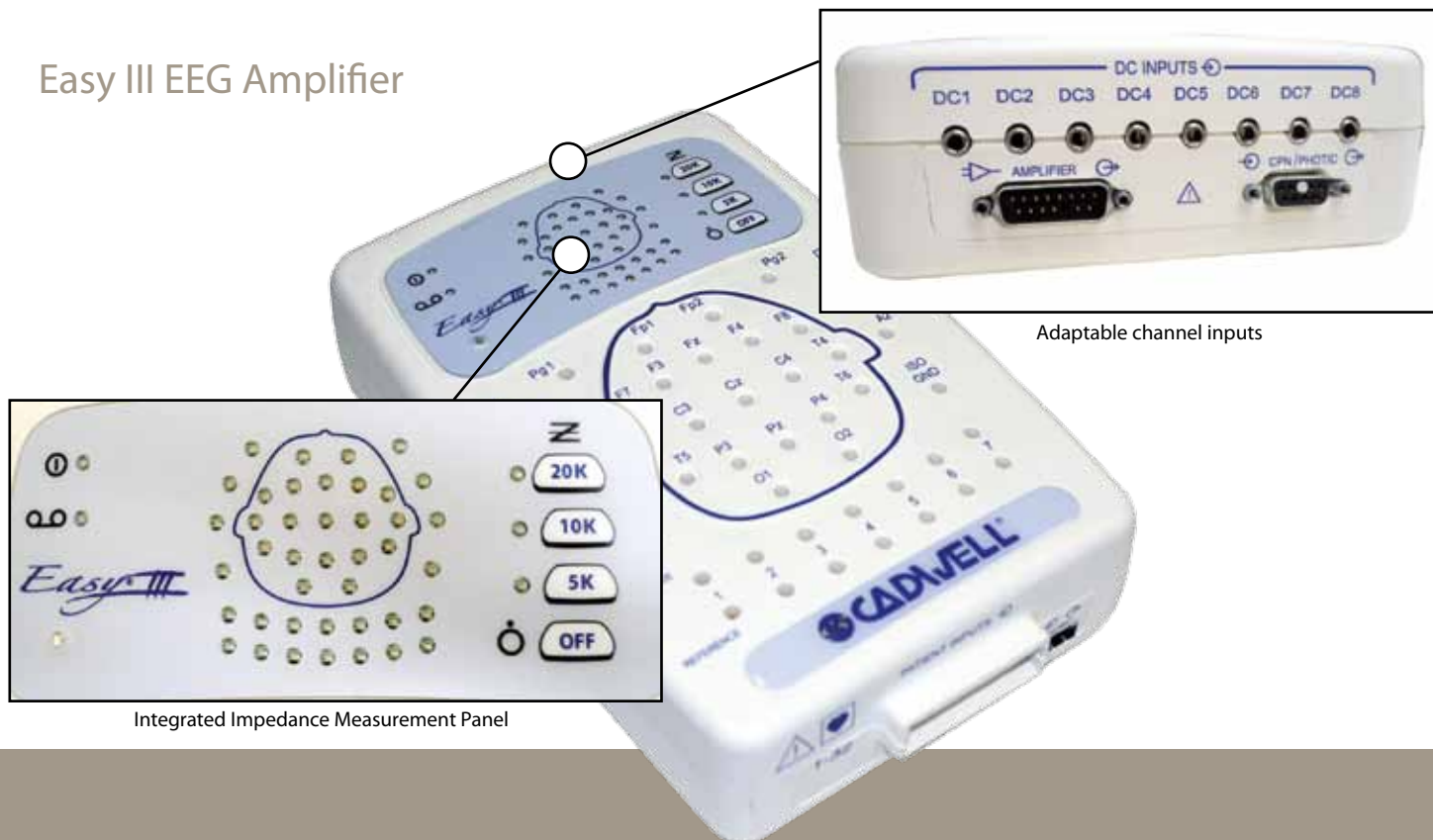
Cadwell's third generation Easy III EEG amplifier



Color coded remote input box



## Easy III EEG Amplifier

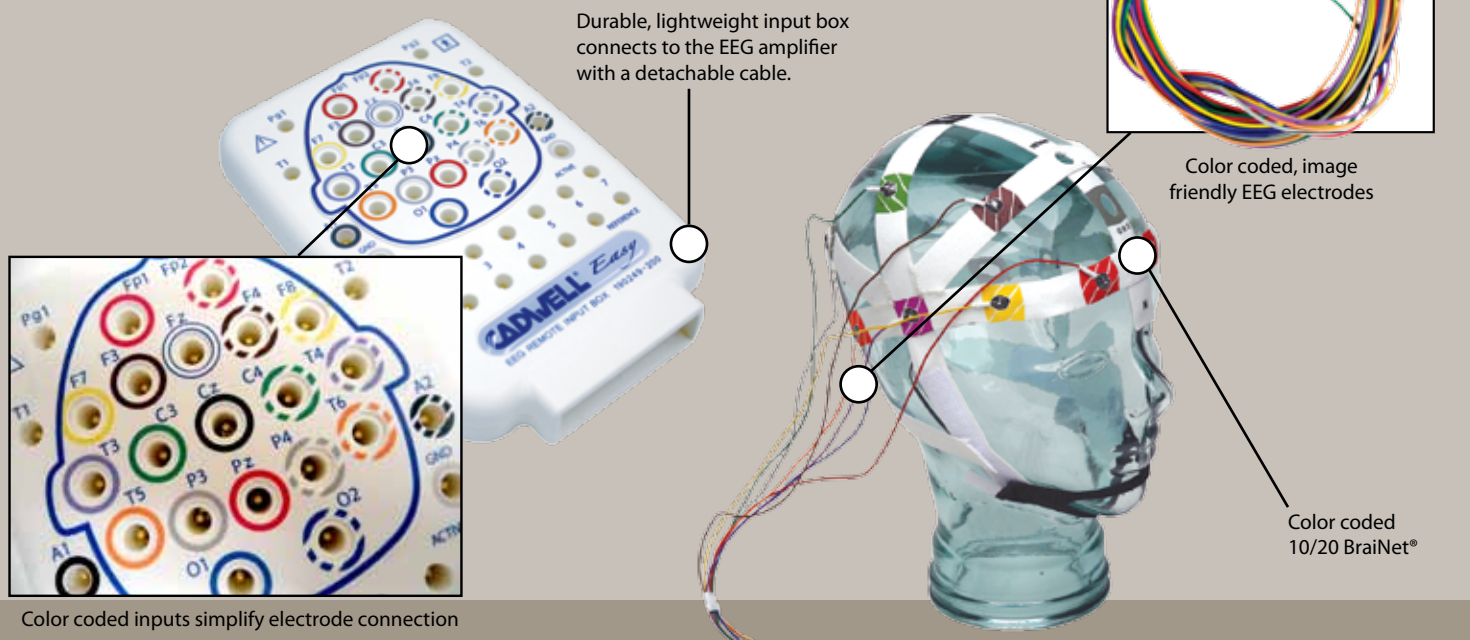


Integrated Impedance Measurement Panel

Adaptable channel inputs

## Color coded remote input box with BraiNet® and electrodes

The BraiNet® electrode placement template and color coded, image friendly EEG electrodes save critical patient set up time and allows faster data collection in critical care environments where time is everything.



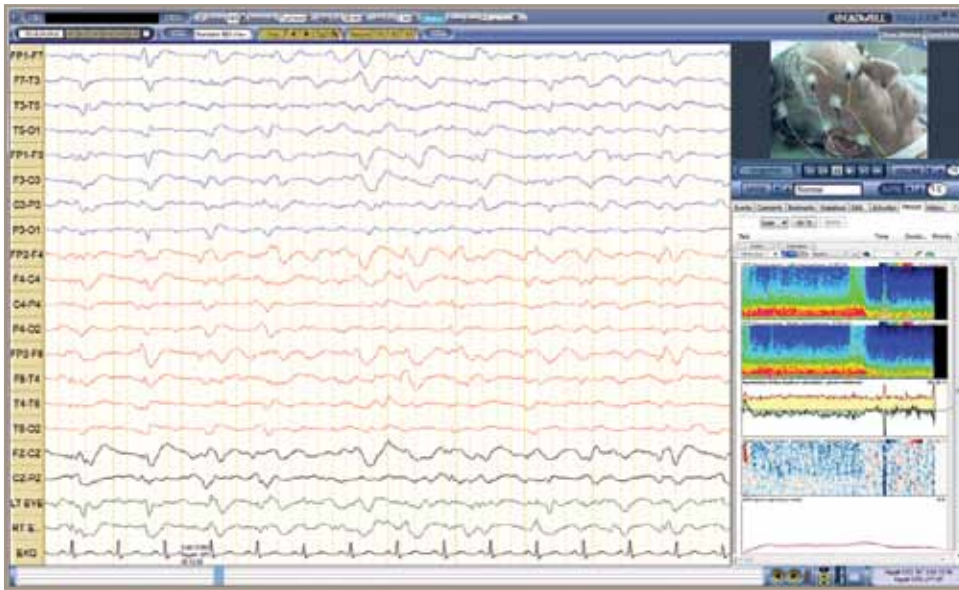
Color coded inputs simplify electrode connection

Color coded, image friendly EEG electrodes

Color coded 10/20 BraiNet®

## Software and Networking

Starting a recording is simple and efficient. Recorded data is displayed with continuous EEG trends and channels. When events occur in the EEG, simplified viewing tools allow the clinical team to quickly identify the changes. Digital video is automatically recorded using a network capable camera and synchronized with the EEG data. Menus displayed on the LCD monitor allow predefined patient events to be quickly added to recorded data.

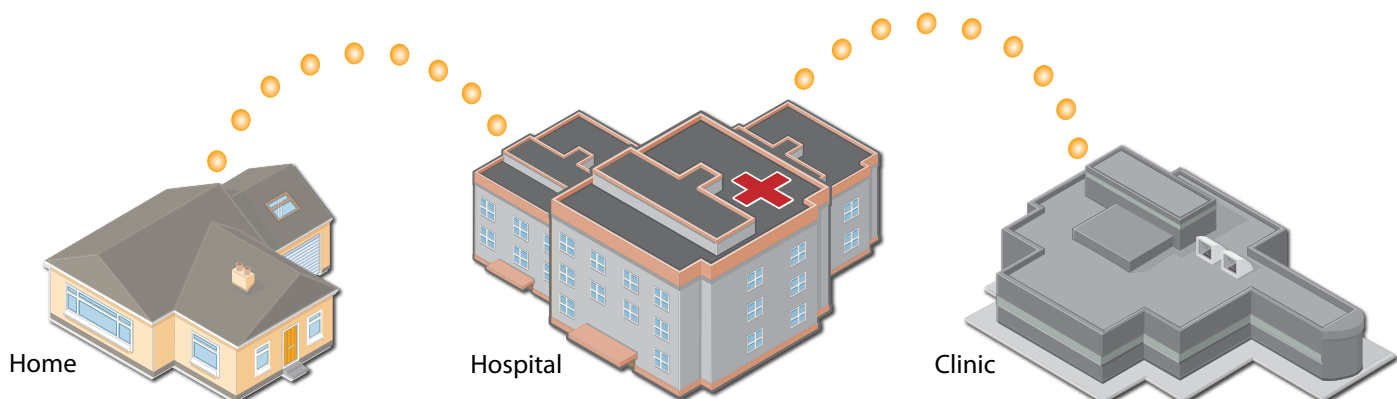


### Simple and intuitive display

### Pre-defined patient events

## Time synchronized digital video

Envisio synchronizes patient data over a network connection. Data can be stored locally, on the network, or at a specific location specified by the network support team. The system can be configured to allow access across the network or from remote locations.



## Cadwell Customer Support



REMOTE ASSISTANCE

Cadwell is focused on making you a satisfied, loyal customer for years to come. Our telephone support is second to none. We answer every call during business hours with a real person. Our in-house employee technicians are trained professionals. Our web-based support program allows our technicians to troubleshoot real time – as if they were in your office. Our flexible support programs will meet your specific needs. Just ask.



## Supplies and Accessories

The flexible design of Cadwell's amplifiers and software allows the use of almost all standard electrodes and accessories. Cadwell offers a comprehensive line of consumables for neurological monitoring, including cEEG, PSG, Clinical and Ambulatory EEG.



10/20 BraiNet® Template



HydroDot StatNet™ EEG headpiece



EasyNet® SpO<sub>2</sub> Module



Color coded remote input box



EEG Gold Cup Electrodes



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