



## Xltek® EEG

### EEG Innovation at Work

**Flexibility:** True TCP/IP amplifiers and cameras with DHCP support plug anywhere on the network. Very small, lightweight patient-wearable amplifiers.

**HIPAA:** XLSecurity role based HIPAA compliance package with Active Directory integration and encryption.

**Performance:** Fully synchronized high-resolution MPEG-4 video and excellent amplifier signal characteristics.

**Reliability:** Microsoft® SQL Server with distributed database. LED Photic Stimulator eliminates acoustic and electrical interference.

**Operating Room:** Automatic data acquisition restarts when used with Bovie in OR.

**Integration:** HL7 communication with HIS and Natus DataShare software for easy collaboration.



## Sophistication and Simplicity in one package

The Xltek family of EEG solutions provides the leading-edge features you want in critical care applications with the intuitive, user-friendly interface you need for productive day-to-day workflow. This unique combination of sophistication and simplicity continues Xltek's reputation as the innovator you want working alongside you.

### Hardware that's Easy to Set-Up

Xltek EEG systems are designed for quick and convenient hook-up in both private practice and in a busy EEG lab. The amplifier's easy-to-access ports use standard, non-proprietary USB and TCP/IP cables to plug into a network or computer within any clinical environment without the need to rewire existing rooms. This universal connectivity eliminates the frustration of searching for just the right connector, replacing expensive cables and ensures that valuable equipment is used at peak efficiency.

Software controllable TCP/IP high resolution cameras can easily be added to turn your non-video study into a fully synchronized video EEG system.

### Our Line of Amplifiers is Comprehensive

From fixed site, portable and ambulatory applications, Xltek's amplifiers and software solutions provide reliable, interference-free EEG monitoring and review capabilities that save staff time and maximize productivity by automating frequent tasks like pruning and archiving studies and running study protocols.

The lightweight Brain Monitor and EEG32U amplifiers are feature-rich, providing all the resources you need for a variety of uses. They are ideal for an EEG lab, private practice, ICU or operating room (OR). The Brain Monitor was specifically designed to restart EEG recording when Bovie is being used in OR. The patient is comfortable with the amplifiers' compact size and light weight while clinical users enjoy full functionality such as an onboard impedance check, integrated pulse oximeter and up to 1 KHz sampling frequency.





## Software Smart Enough to Let You Focus on the Patient

Natus® NeuroWorks® software uses a robust and flexible SQL Server database. You'll appreciate the enterprise level strengths of the database which ensure reliability and easy collaboration between multiple users while also empowering you with full customization capabilities to fit any clinical configuration. You'll enjoy the flexibility of secured, remote access to EEG and video monitoring and review, from your remote office or home. It's not only convenient, but also facilitates second opinion consultations and the use of remote resources when desired.

Ambulatory workflow is extremely efficient, as well. The small, lightweight, multi-purpose Trex HD ambulatory recorder enables you to capture up to 96 hours of EEG data on standard AA batteries in the patient's home or in the office for routine EEG and Sleep studies. Its amazingly fast upload protocol transfers 24 hours of data from flash memory to your computer in less than five minutes – an enormous time-saver for a busy environment.

You can now add HD video to your ambulatory EEG recordings using one of the most patient-friendly and reliable workflows in the industry. This unique system offers a simplified operation that any patient or caregiver can set up at home, with no interaction with the software and virtually no cables. Record up to 96 hours of quality video fully synchronized with EEG, allowing you to make more informed decisions while reaping the benefits of at-home monitoring.

Pat	Study name	Start time	Duration (hrs)	Custom T	Stat
123	11:59:59 Dec 06, 2006	0:18:52			EEG
123	11:15:09 Jun 24, 2007	0:25:27			EEG
123	10:46:21 Nov 01, 2007	0:01:14			EEG
123	10:20:29 Apr 07, 2006	0:02:22			EEG
123	09:37:04 Jun 29, 2006	0:38:40			EEG
123	11:22:29 May 21, 2006	20:28:50			EEG
123	12:46:53 May 23, 2005	0:02:45			EEG
123	09:19:43 Nov 09, 2000	0:52:05			EEG
123	14:58:16 Feb 19, 2000	0:09:20			EEG
123	09:42:37 Dec 13, 2005	0:05:28			EEG
123	15:04:55 Jun 07, 2004	0:27:55			EEG
123	15:39:46 Jun 28, 2004	0:04:05			EEG
123	09:00:04	11:21:28 Mar 24, 2000	0:00:25		EEG
123	09:00:04	11:21:28 Mar 24, 2000	1:36:55		EEG
123	09:00:04	09:00:04 Mar 15, 2000	0:13:25		EEG
123	01:49:19 Nov 11, 2004	0:08:30			EEG
123	10:19:21 May 12, 2008	2:54:10			EEG
123	12:16:54 Mar 23, 2006	0:43:40			SW
123	19:37:04 Nov 20, 2006	4:12:53			EEG
123	14:22:07 Feb 09, 2007	0:20:23			EEG
123	09:47:02 Apr 16, 2006	0:44:28			EEG
123	19:04:00 Jul 06, 2001	0:05:20			SW

Natus NeuroWorks simplifies the process of running, analyzing, reporting on and managing an EEG study with an intuitive user interface. Now you can easily collect, retrieve and review neurological data while keeping your eye on the patient and making well-informed decisions about diagnosis and treatment. Built-in productivity tools automatically mark and instantly prune data based on powerful Spike & Event detection algorithms, facilitating efficient study review. It's a preminent solution for a fast changing, data-rich lab or patient care site.

## Data Security

Set up individual user or group access and permissions for the system and within the application. Assign separate lock-down rules for different computers on the same network. Access Audit Logs to review user activity on the system. Security that is integrated with Microsoft Active Directory and peace of mind with available system encryption.



## Service

Natus Neurology is committed to providing exemplary service to our customers. Our dedicated and experienced Customer Service Team will assist with every aspect of an order. To support our products, we provide factory-trained Field Technicians and Clinical Application Specialists for onsite support. Additionally, we provide an in-house

Technical Support Team, staffed with experts, and a strong distribution network in International Markets to offer a wide range of service options. Allowing our customers more time to care for their patients is our goal. Customer loyalty is our reward.

## Supplies

Natus Neurology offers a full range of neurodiagnostic accessories and supplies promoting patient comfort. Our dedicated customer service team provides a streamlined order and shipping process to save you time and money.

To learn more about Natus Neurology Service Programs or our full line of Supplies and Accessories, contact your local distributor or sales representative.

US Customers Call: **1-888-662-7632**



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