XLTEK LTM SYSTEM, FEATURING XLTEK EMU40EX AMPLIFIER

VALUE: $54,430

INCLUDES:
- Acquisition Desktop with IP Streaming HD PTZ Color Camera on Cyclops Cart
- EMU40 Epilepsy Monitoring Headbox
- NeuroWorks 8.x Acquisition Software with Spike / Event and High Res Video
- 24” Flat Panel Monitor
- Extended Video Monitoring Controllers
- Shipping, Installation, 1-Year Warranty, 2-day on-site Training

The Comprehensive, easy-to-use, state-of-the-art solution for Long-Term EEG Monitoring.

Neurosurgeons, neurologists and nurses know they can rely on Xltek equipment for continuous video EEG monitoring. This foundation of quality extends into our next generation, computer-assisted LTM solution.

- Safety: Constant EEG monitoring even when patient is not connected to acquisition station.
- Flexibility: True TCP/IP amplifiers and High-Definition cameras with DHCP support that plug in anywhere on your network.
- HIPAA: XLSecurity role-based HIPAA compliance package with Active Directory integration and encryption.
- Reliability: Microsoft SQL Server with distributed database support.
- Integration: Citrix® support for remote users and HL7 integration into HIS.
- Performance: Up to 1 KHz signal sampling frequency with synchronized High-Definition video. Integrated Spike & Event detection and trending

EMU40EX AMPLIFIER
XLTEK's breakthrough EMU40EX amplifier - featuring Bluetooth wireless technology - offers both continuous patient monitoring and data security. Patient surveillance is of prime importance in epilepsy monitoring.

With the EMU40EX's innovative extended-range Bluetooth wireless technology, patients can move freely about the clinical area while still being monitored. EEG data is recorded on flash memory in the wearable unit and uploaded when the patient plugs back in, guaranteeing no data is lost or compromised.

The Bluetooth connection from the patient's breakout box to the EMU40EX base unit is strictly point-to-point. Data cannot be intercepted or received by any other Bluetooth-enabled device in the area.

- Designed specifically for EMU facilities; fixed or portable applications with quick-disconnect options allowing easy unit movement.
- Can also be used for clinical EEG and some in-lab Sleep studies.
- Enhanced sampling rates (either 256, 512 or 1024 Hz) ensure that EMU40EX consistently provides state-of-the-art diagnostic EEG.
- Offers 40 clearly-marked AC channels that allow for full 10-20 electrode placement.
- Oxygen saturation and pulse rate channels are available from the integrated Masimo SET pulse oximeter.
- 4 extra DC channels available on the base unit.
- Photic-stimulator interface and a patient-event-switch interface complete the EEG functionality.