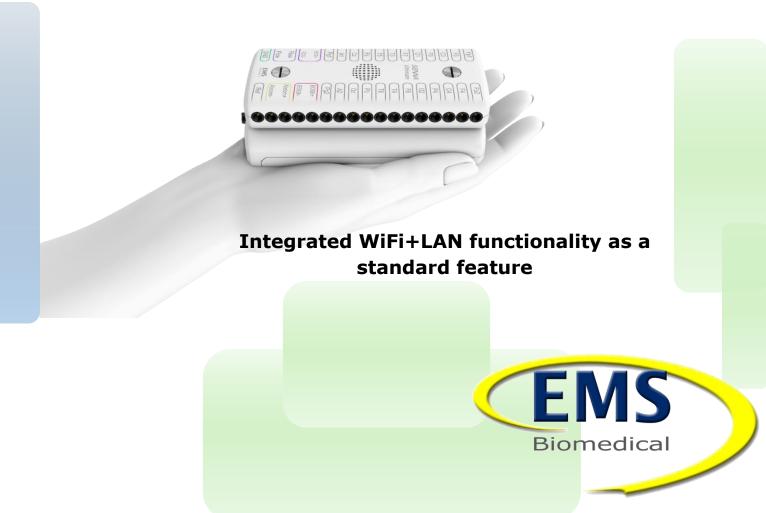


World Leading EEG solutions

Routine Clinical EEG, Ambulatory EEG, LTM, Epilepsy (EMU), ICU & NICU Neuro monitoring, ERP and Full PSG applications

The "Ultimate" in Flexibility





The latest model Sienna Ultimate employs the latest technology to offer the most flexible range of features for ALL EEG and PSG applications within ONE "High Tech" compact Amplifier. The best keeps getting better!

\checkmark Real-time acquisition and monitoring

- ✓ Bidirectional communication over the "Ultimate"
- ✓ Real-time spike and seizure detection

✓ Upgradeable to 192 channels (three 64 channel modules)

The unique Intercom feature allows direct communication from the patient to nurse station and nurse station to the patient in lab or in a home care environment. Real-time battery charge information is transferred to the nurse station allowing the operator to reduce consumption (switch off Wi-Fi) or to advise the patient to recharge the Amplifier should battery charge get low.

Key Features of Sienna Ultimate

- Provides a minimum 90 hour recording using one external battery in Ambulatory mode
- Up to 4kHz sampling rate per channel for the 32 channel Amplifier
- Interchangeable headboxes for different applications
- World's first 64ch Ambulatory Recorder at high stored sampling rates – excellent for 24 hour Epilepsy (EMU) Ambulatory monitoring
- 2-way communication using built in speaker and microphone (WiFi & LAN mode)
- Movement Position sensor built in
- SpO2 Nonin module built in
- HD/UHD Video capability (Digital Video option) 2 Cameras + Digital Zoom for multi-view requirements



Sienna ULTIMATE

Wide choice of headboxes

The Sienna ULTIMATE EEG/PSG Amplifier can be configured with headboxes incl. LTM, PSG (Sleep), EEG+CFM, 10/20 and 32 channel bipolar EMG for Sports Medicine easily, simply by replacing headboxes on the Amplifier. The 150 gram lightweight amplifier has a patient alarm/event button as well as a body position sensor, which can transfer patient 'fall over' information to the nurse station.







Sienna

ULTIMATE

Routine EEG

Headboxes for many applications are available:

- EEG
- 10/20
- Numerical
- PSG
- EEG/CFM
- ERP
- BM

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- Cortical Stim
- and more can be customised to meet specific requirements

10/20 LED headbox with Impedance check



New for 2021 – EMS `value' Photic Stimulator

Software applications

- EEG record and review
- Compressed spectral array
- Compressed density array
- Brain Mapping
- Digital Full HD Video
- Cerebral function monitoring
- ICU/NICU Neuro monitoring
- Real-time spike detection
- Real-time seizure detection
- Source localization
- Sound playback
- Polysomnography (manual)
- Sleep (Auto PSG) Software Package
- PSG Trend Analysis
- ERP
- BESA Compatibility

Sienna

ULTIMATE

Routine EEG

Example of Ambulatory Use



Workflow improvement

Workflow is critical in any busy EEG or PSG working environment. Our software allows users to move easily between different acquisition and review stations without the need for additional training for separate platforms. There are also no limits with our EEG software in the number of review stations using our review software.

routine EEG workstation

No limits philosophy!





Trolley (height adjustable) based



Expertise in Medical Solutions

We have been leading innovation in Neurophysiology for over 30 years. EMS continues to provide innovative leading edge technologies for Neurophysiology diagnostic applications.

Our products are designed and developed to satisfy the most demanding customer needs and guarantee reliability, quality and flexibility in performance.

In addition to our neurodiagnostic solutions for NCS/EMG/EP/IOM, EEG, ERP, Poly EMG and PSG we offer EIS (Electrical Impedance Segmentography) in the respiratory support field as well as a full range of accessories and supplies. Choose EMS and use our professional worldwide sales, service and support network extending to over 120 countries.

Our international team of trained application specialists will provide you with individual user training and post-sales support.

EMS Handelsgesellschaft mbH

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