

NR SIGN EEG 5000Q



NR SIGN EEG 5000Q has all you need for a Long term Video EEG monitoring. It is a strong, high quality, and user friendly system for working in the hospitals and Epilepsy centers. It has flexible configuration on 24, 32, 64, and 128 channels.



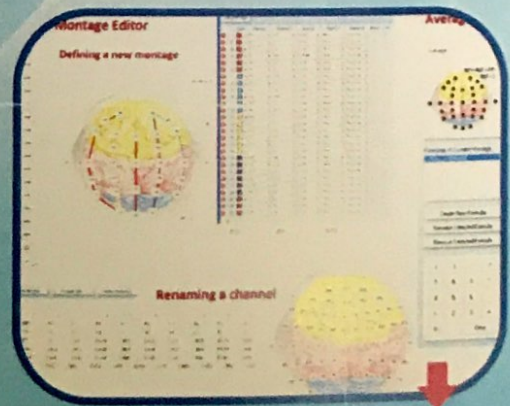
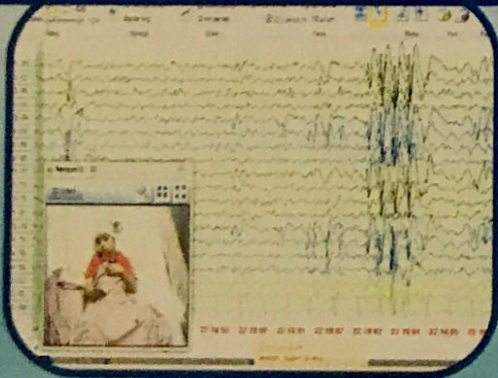
NR SIGN EEG 5000Q



- ▶ Extra one ECG and two surface EMG channels.
- ▶ upgradable to PSG studies.
- ▶ High quality EEG, lightweight, and reliable.
- ▶ Noise reduction
- ▶ Very user friendly software such as Montage Editor, channel renaming, simple and complex averaging, Signal selection and annotation, Event summarizing and navigation.
- ▶ Long term EEG monitoring events at a glance.
- ▶ Reanalyzing such as re-sensitivity, filtering, montaging, Brain mapping, etc.
- ▶ On line access to the patients' data, and online control on EEG system by both recorders and readers stations via networking.
- ▶ Extra off line viewer software for presentation, etc.
- ▶ High quality and synchronized video acquisition and recording .
- ▶ Digital zoom for EEG signals and patients' video
- ▶ simultaneously recording and reviewing on one screen
- ▶ CE, ISO 13485, CMDCAS, FDA QRS certified

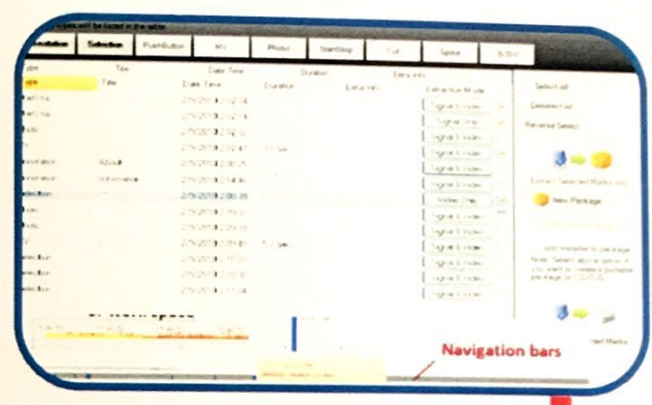
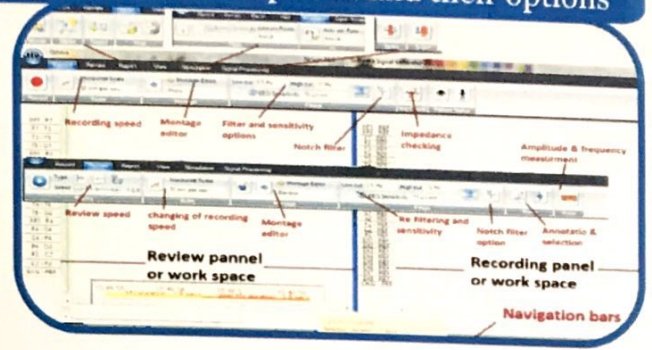
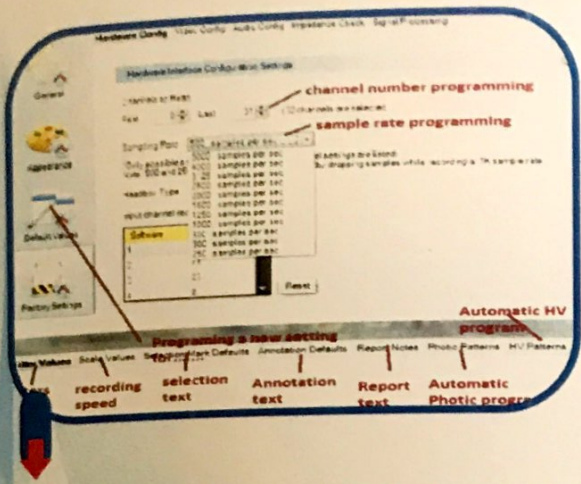


•NR SIGN INC's software's main screen



•Montage editor, channel rename, and Averager

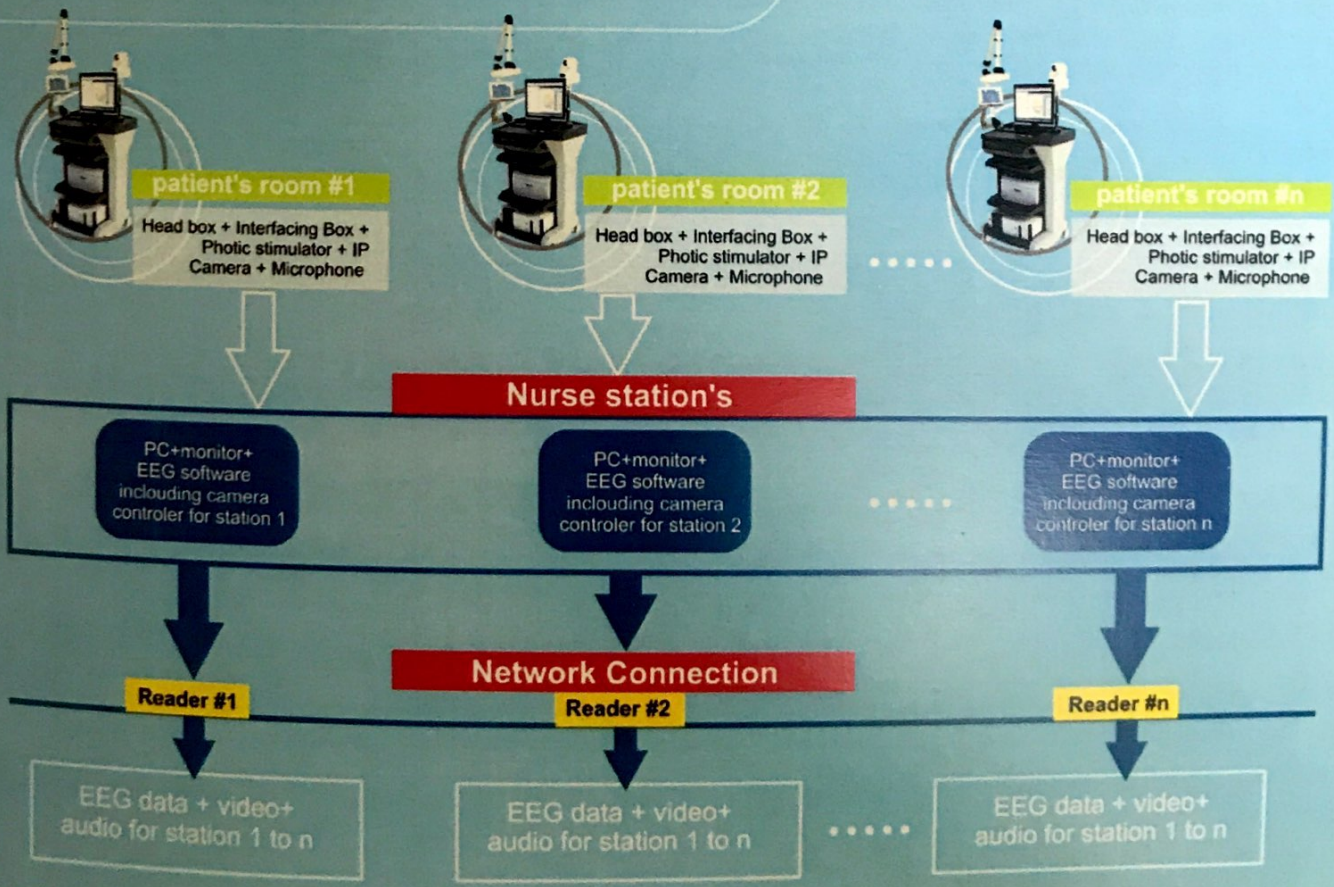
•Recorder and reviewer panels and their options



•Changing all system's default values such as: channels number's, sample rates, impedance checking levels, new filters and sensitivities, Photic and HV stimulator automatic patterns, desired texts for annotation, selection, and final report.

•Long term event summarizing and navigating on the separate window and navigation bar

•A possible solution for a video EEG monitoring site



NR SIGN 5000 Q EEG

MONITORING TECHNICAL SPECIFICATION

Power

Power supply 110-220 V ~ , 50/ 60 Hz, 0.5A via isolated power supply
Isolation 4500 V

Amplifier

Number of channels 32 –128 CH EEG , 2 CH Surface EMG, and 1 CH ECG
Sensitivity 1-300uv/mm
Input impedance > 1000 M Ω
CMRR > 110 dB
Low pass filter > 0.1 Hz
High pass filter < 1 kHz
Notch Filter Optional 50/60 Hz

Interface (A/D)

Programmable Sample Rate 500- 2k sample/second
Resolution 16 bits

Photic Stimulator

Bright white/ Red - Flashing mode - 0-50 HZ
Low power consumption

Video Recording device

Camera type Optional
System of signal PAL/NTSC
Resolution >704x576
Video compression MPEG-2, MPEG-4 Part 2 (ISO/IEC 14496-2),
Motion JPEG

Push button Event

Reliable Finger touch switch

Software

Operating system Microsoft Windows XP-7 (32,and 64 bits)
Application software NR SIGN EEG

Computer

PC At least CPU: Intel Core 2 Quad- Q8200@ 2.33 GHz,
RAM: 4G, HDD: 1TB, VGA: 1024 MB.

Patient management (DB)

Specific feature Network-compatible SQL/ MS SQL patient data base



#330, 3771Jacombs RD, Richmond, BC, V6V2L9, Canada
Tel: +1-788224402 WWW.NRSIGN.COM