

Fully unattended Sleep Study

at the patient's home

- Reduce hospital costs by performing ambulatory studies
- Maximize patient comfort and thus compliance
- All devices are fully portable and wireless
- Sleep study data and video data are synchronized
- Patient can easily set up the camera at home

Technical Features of the video camera

- Integrated IR illumination
- Resolution 800x600 pixels
- Audio and video
- 8 GB USB stick for data storage



Full Polysomnography with SOMNOscreen™ plus



- **Mobility:** the patient is free to move around - the unit, electrodes and cables are all worn on the body
- Continuous recording of impedance
- **Active Sensor** technology
- **Wireless real time transfer** of patient signals and synchronized video
- Signal check on the patient's bedside on a tablet PC
- One device, one software, for **Level I, II, III, IV** sleep testing

Available Sensors:

Snore (microphone & nasal cannula), nasal/oral flow (thermistor and nasal cannula), RIP effort (thorax & abdomen), SpO₂, pulse rate, plethysmogram, pulse waveform, CPAP/BiPAP pressure, PLM (l / r), body position, movement, ambient light, PTT analysis

Headbox:

10 EEG/EOG + REF, 2 EMG, 1 ECG, GND, continuous impedance