

## **First home video recording system with many unique features**

**The Biosaca system is now available with synchronised video. It can be used both in a sleep laboratory and for home recording. The video system is very easy to use. It is available with remote monitoring capability.**

The Biosaca system is now available with synchronised video for both sleep laboratory and for home infrared recording. The video system is very easy to use and the operator does not need any special training.

The system uses an ordinary Windows XP computer with one or preferably two connected CRT/LCD screens. One screen is used for the Biosaca signals and the other is used for the video.

The video and the signal are fully synchronised when the signals are replayed (Fig:1 and 2) or by navigating using the Home/End or the Page UP/Page Down buttons.

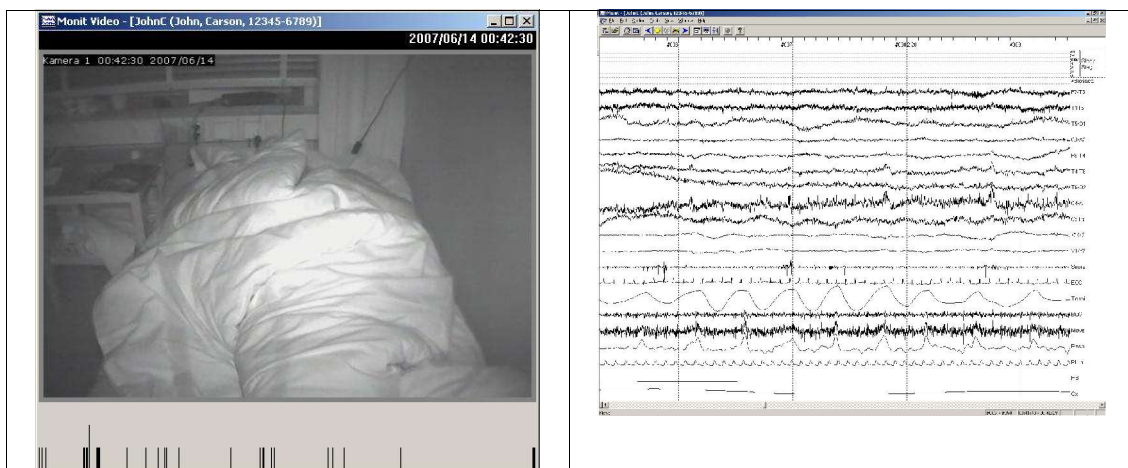


Fig: 1

Fig: 2

There is a movement histogram in the lower part of the video screen (Fig: 1). The camera and / or a sensor pad automatically detect the movement. The camera has three different movement detection areas, which can be separately adjusted. By using the mouse to click on any detected movement, both the video and the signal display will jump to the selected event.

Fast forward motion is available up to 14 times the original speed which lets you scan thru an 8-hour registration in less than 35 minutes.

You can easily jump to any place in the video by using the mouse and click on any interesting signal or event. You can also easily find any event in Monit's event list and move to it, and of course, get a statistic report of the events printed out.

Sound is recorded by a built-in microphone.

The video is recorded in a proprietary Mpeg4, but if you want to export some part or all of the video to be used in any other programs, it is possible to convert the video signals to AVI format.

### **The portable video unit**

The portable video unit is designed to be easily used by the patient. It can easily be used in the patient's home. Before the system is handed to the patient, the system setup is easily made in the clinic by transferring the setup from our Monit software.

The unit is very easy to pack and transport. Before operation the patient places the video unit at the foot end of the bed and plugs it into a wall outlet for power. An infrared light provides light for recording in the dark.

The video is recorded locally in the portable unit. When back at the sleep lab, the recording is easily transferred to our Monit software for review.

The video unit is available with 3G mobile data communication system. It is then possible to remotely control and adjust camera settings. It's also possible to monitor the Biosaca signal quality.

A built in microphone is used to record the sounds.

All this can be done from any where in the world using the internet.

### **A complete sleep lab video recording system with one camera will consists of:**

- A Windows XP computer with a network connection
- One or preferably two CRT/LCD display screens
- A DVD burner
- A network
- It is recommended to have an extra hard disc to store the signals and video

Parts in the package delivered from your Biosaca dealer:

- Biosaca unit with its accessories
- A network connected video camera: pan & tilt camera or fixed zoom camera.
- An infrared LED illuminator
- Biosaca Monit 3.0 software with video functionality

**A portable video system with one camera consists of:**

- An Internet connection with static IP and firewall with VPN capabilities
- Windows XP computer connected to the firewall
- One or better two CRT/LCD display screens
- A DVD burner
- It is recommended to have an extra hard disc to store the signals and video

Parts delivered from your Biosaca dealer:

- Biosaca unit with its accessories
- 'All in one' portable video recording and communication unit, including an infrared LED illuminator
- Biosaca Monit 3.0 software with video functionality
- Optional 3G data connection

It is also possible to use a portable PC with WinXP and connect without wires to the portable video system, using a 3G card, wlan, Hotspot (public accessible wireless LANs) or a direct internet connection.