

Morpheus Ambulatory LTM Video EEG Monitoring



Quality, Simplicity, Performance and Reliability

The Morpheus Ambulatory Video EEG system provides the same high-quality video LTM recording you get from Blackrock NeuroMed equipment in a clinical setting, but in a portable home unit. Blackrock NeuroMed's Morpheus system provides an ease of use that allows the patient to start a fully synchronized video-EEG recording with the push of a single button. The built-in Bluetooth functionality of the Morpheus system maintains video/EEG synchronization while the patient maintains full mobility at home. The rotating LCD display on the camera allows the patient to have confidence that they are in full view of the camera while recording.

Quality

- High quality EEG recording and video
- 16 Bit A/D conversion with 128-1024 Hz sampling rates and noise less than 0.1 QVrms @ 128 Hz
- Full HD resolution (1920 x 1080)
- Large LCD graphic displays for patient information, impedance (numerical and graphs) and recording settings

Simplicity

- Ease of use for patient – start, stop and video synchronization with the push of one button
- Patient interaction with software not needed
- Compact amplifier design: 4.3" x 3.2" x 1.2" (11 x 8 x 3 cm) and 0.55 lb (250g)
- Wireless (battery-operated) with no cabling required between camera and recorder

Performance

Recording capabilities including:

- Up to 74 hours of EEG recording @ 512 Hz

Multiple input types including:

- 32 EEG channels
- 2 DC channels
- 3 digital channels for SpO2, heart rate and pulse oximetry

Reliability

- Integrated with Cervello™ software with optional remote access for clinician
- Standard AA batteries
- Optional lithium-ion battery add-on



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