





## **CARING FOR PEOPLE** Assistive technologies to aid independent living



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Medpage are the official sponsors of the 2017/18 Young Epilepsy Parents Guide.



This is the latest Medpage bedtime epilepsy seizure detection monitor, new for 2018. The system features a high performance sensor for positioning under the bed mattress (any bed type) and is supplied with the new Medpage portable alarm station for seizure alerts.

MP5-UTB £170.00 + VAT (VAT exemption available)

## Get your free copy here

#### **Personal Data Privacy Statement**

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#### **EPILEPSY NOCTURNAL SEIZURE DETECTION MONITORS**

#### **EPILEPSY**

For over two decades Medpage Limited have designed and manufactured epileptic seizure movement detection products. Our first seizure detection alarm was produced in 1995, the Medpage MP5 and has remained the top selling seizure alarm since its introduction. Our seizure movement detection alarms are affordable, reliable, and are proven to consistently and accurately detect nocturnal bed seizures using a highlydeveloped sensor positioned under the bed mattress to detect seizure movements from a sleeping person.

## MEDPAGE EPILEPTIC SEIZURE ALARMS GUARDIAN ANGELS SINCE 1995

The Medpage range of epilepsy alarms use a highly developed sensor positioned under the bed mattress to detect movements from a person in bed. Advanced computer processing software identifies body movement associated with an epileptic seizure, even complex seizure types. Non-typical sleeping movements are ignored. Carers are warned of on-going seizures by radio paging alarms.

Medpage epilepsy movement detection alarms are manufactured under strict quality controlled procedures, audited by BSI. Medpage Limited is accredited to ISO 13485:2003/7, first registered in 2004. Med Page



If you are unsure about the suitability of any of our monitors you can call our helpline for further advice. Some customizations are possible to our monitors. **T: 01536 264 869** 

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## **EPILEPTIC SEIZURE MOVEMENT DETECTION ALARM MP-5**

Medpage nocturnal epileptic seizure detecting monitors are designed to detect seizure typical movement from a sleeping person. This is achieved using a sensor positioned under the persons bed mattress. Depending on the type of bed, mattress, and the size and weight of the person, Medpage monitors can be adjusted quite easily to successfully detect most convulsive seizures, including cluster and tremor types. Each monitor model has a means of adjusting the sensitivity of the sensor to compensate for the variables detailed above and include a microphone to detect vocalisations preceding or during a seizure. All models also have an adjustable delay control to allow a period of non-seizure movement with no alarm. Turning over or adjusting sleeping position as examples.

#### MEDPAGE EPILEPTIC SEIZURE MOVEMENT DETECTOR ALARM MODEL MP5

The Medpage Model MP5 epileptic seizure movement detector is manufactured in the UK by Medpage Limited. This model was first introduced to market in 1996 and has remained the top selling Tonic/Clonic

seizure monitor ever since. Why? The monitor is very easy to use and is suitable for general seizures and most bed types. The Medpage MP5, despite its advanced seizure movement analysis software and high grade processing power, is priced to be affordable by families without compromise on quality or performance.

#### MONITOR SPECIFICATIONS

- Dimensions L 150mm W 105mm D 45mm
- · Seizure detected LED lights to warn of a detected seizure
- Powered by 12v power adaptor with battery backup
- Patient vocal monitor microphone to detect choking, grunting sounds
- · Power status and movement detection LED's
- Movement sensor: lead length 3m
- Dimensions: L 75mm W 55mm D 25mm
- · Silent alarm, no internal sounders
- Internal output connector for linking to auto dialler, nurse call systems or telecare equipment

#### ALARM PAGER SPECIFICATIONS (2 supplied)

Powered by 2 x AA batteries. Lightweight and compact with sturdy belt clip. Alarm options are: vibrate only, vibrate with low volume alarm tone, vibrate with high volume alarm tone. Also includes flashing LED on alarm. Low battery warning. Operating temperature -10° c - +50°c. Dimensions: H 80mm W 60mm D 28mm. Weight including batteries 125gms.

#### ORDER CODE MP5 PRICE £205.00 + VAT (£246.00)





## **MP2V2+ MULTIPLE PATIENT SEIZURE DETECTION MONITOR**

The Medpage MP2V2+ system, is designed to offer multiple patient seizure monitoring using advanced sensor technologies to positively identify epileptic seizure activity from a persons bed while they sleep.

Where two or more people have epilepsy either at home or in professional care, the MP2V2+ provides multiple bed monitoring with individual displayed alarms for detected seizures in progress. Alarm notifications are displayed on single or multiple message display pagers.

The Medpage MP2v2+ uses a patented movement sensor, which is positioned under the patient's mattress (including memory foam types) roughly at a shoulder height position. The monitor is powered by a mains AC adaptor and has a 100 + hour battery backup in case of mains power failure or interruption. The sensor has a sensitivity and body movement control to allow for adjustment for patient body weight and bed mattress type.

- Suitable for Tonic/Clonic complex seizures, Myoclonic, seizure types
- Quick and easy to set up (less than 60 seconds) and use
- Suitable for use on all bed types and mattresses including airflow and memory foam
- Full fault and status reporting to pagers
- Can integrate with other Medpage care sensors (see P32)
- Silent alarm at patient bedside
- CE marked in accordance with Medical Directive EEC 93/42/EEC as amended by 2007/47/EC

#### **MESSAGE PAGER**

- overall dimensions W 60mm H 42mm D 18mm
- Display area 52mm x 28mm character height 6mm
- Choice of 4 tones + vibration alert
- Display back light low battery alert
- Powered by 1 AAA battery (lasts 6 weeks based on 4 alerts per day)
- Weight including battery 42.5g

Monitor with 1 x alarm message pager

Sensor dimensions 300mm x 200mm x 10mm. Interconnecting lead 3M

- Monitor dimensions: 150mm x 105mm x 45mm
- Monitor transmitter range 400M (line of sight)
- For multiple patient monitoring at home, hospital or care home to identify seizures in progress
- Tamper proof settings, monitored connections, fault reporting to pagers
- 3 Year warranty
- No maintenance or servicing required

ORDER CODE MP2V2+K PRICE £243.00 + VAT Additional seizure monitor ORDER CODE MP2V2+ PRICE £185.00 + VAT Additional alarm message pager ORDER CODE EM300 PRICE £58.00 + VAT



## **EPILEPTIC SEIZURE MOVEMENT DETECTION ALARMS**

#### **MEDPAGE MODEL MP5 ULTRA**

The Medpage MP5 ULTRA as its name implies is the most superior seizure monitor in our range. The ULTRA features advanced software programming that accurately detects nocturnal seizure movement from patients of all ages who experience non-typical convulsive seizures.



#### What Makes The ULTRA Special?

The ULTRA is pre-programmed with selectable seizure detection modes.

The ULTRA can be used on specialist bed types including airflow mattresses, with an incredibly high level of movement detection sensitivity and control.

For parents with young children especially, the ULTRA will provide the reassurance that seizures and body movement inactivity will be notified by radio pager alarm.

- Tonic/clonic seizures
- Seizure with twitching and myoclonic cluster seizures
- · Secondarily generalised seizures
- Tonic seizures
- Clonic seizures
- · Airflow mattress mode
- · Cot/crib high gain rapid mode
- Bed occupancy detection
- Digital sensitivity control
- Digital movement delayed alarm control

If you are unsure about the suitability of any of our monitors you can call our helpline for further advice. Some customizations are possible to our monitors. **T: 01536 264 869** 

#### **ORDER CODE MP5-ULTRA PRICE £439.00 + VAT (£526.80)**



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## **MEDPAGE MP5-UT ULTRA-SENSITIVE MOVEMENT DETECTION**

#### CHILDREN'S HIGH SENSITIVITY EPILEPSY ALARM

Microchip technology has advanced so much in a short number of years providing the engineer with the tools to perform miracles. At Medpage Limited, we believe we have done just that with our new Medpage MP5-UT seizure detection alarm.

The ULTRA sensitive bed sensor accurately detects typical seizure movements to provide an alarm to parents and carers via the radio pagers supplied, of an ongoing epilepsy episode. Adjustable digital controls for movement intensity, simply adjusted, ensure optimum performance is achieved every time.

- MP5-UT will detect movements resulting from epileptic nocturnal seizures including minute prolonged movements from children
- Suitable for all ages babies adults
- Large area patented monitoring sensor technology for improved movement detection from most bed and seizure types where movement occurs
- · Suitable for Cots/Cribs with memory foam mattresses, single & double beds
- Digital sensitivity control for bed sensor and vocalization microphone
- Digital alarm delay control virtually eliminates false alarms by ignoring natural sleeping movements, such as turning over
- Detected seizures are notified to carer via radio pager (two supplied)
- Monitor powered by mains power adaptor with 12 hour battery backup
- CE marked in accordance with Medical Directive EEC 93/42/EEC as amended by 2007/47/EC
- Sensor dimensions 300mm x 200mm x 10mm
- Interconnecting lead 3M. Monitor dimensions: 150mm x 105mm x 45mm
- Pagers powered by 2 x AA batteries Radio frequency 433MHz
- Monitor transmitter range 120M (line of sight)
- Ideal for dual patient monitoring at home, hospital or care home to identify ongoing seizures
- Nurse call system and Telecare connection
- Supplied with 2 x tone & vibration alert radio pager alarms

## ORDER CODE MP5-UT PRICE £170.00 + VAT (£204.00)





# Med Bed Movement Seizure Detection





- CARER SEIZURE ALERT
  VIA WIRELESS PORTABLE
  ALARM STATION WITH
  FLASHING ULTRA-BRIGHT
  LED'S AND AUDIBLE
  SOUNDER
- AUTOMATIC WIRELESS ACTIVATION OF OPTIONAL RECORDING WI-FI CAMERA

- TONIC/CLONIC SEIZURE DETECTION
- COMPLEX SEIZURE DETECTION
- SUITABLE FOR BABIES TO ADULTS
- HIGH PERFORMANCE MOVEMENT DETECTION SENSOR WITH SENSITIVITY CONTROL AND FALSE POSITIVE DELAY CONTROL
- ALARM STATION POWERED BY 3 X AAA BATTERIES (OPTIONAL AC MAINS ADAPTOR)
- 5 CHANNEL ALARM STATION SUPPORTS UP TO 5 DEVICES
- 36 MONTH WARRANTY

The Medpage MP5-UTB uses a patented movement sensor to detect bedtime seizures. The sensor can be adjusted to suit bed type and body weight of the user.

A portable battery operated alarm with flashing coloured lights and adjustable audible alarm raises an alert to the carer.

The alarm station can support up to 5 devices producing different coloured flashing LED's to indicate active device. Also features output for vibrating pillow shaker to aid deaf carers.

## www.medpage-ltd.com/epilepsy-care T 01536 264

MP5-UTB £170.00 + VAT (price includes: monitor, sensor, alarm station)







Monitor powered by mains power adaptor with 12 hour battery backup

CE marked in accordance with Medical Directive EEC 93/42/EEC as amended by 2007/47/EC

Sensor dimensions 300mm x 200mm x 10mm

Interconnecting lead 3M.

Monitor dimensions: 150mm x 105mm x 45mm

Sensitivity and movement delay adjustment

Monitor transmitter range up to 200M (line of sight)

Output socket for nurse call/Telecare connection

NMDRX ALARM STATION



Selectable LED colours to identify transmitter device (up to 5)

Multiple active alarm indication - active transmitter colours flash alternately until alarms are cancelled

Powered by 3 x AA batteries (supplied)

Dimensions: H 80mm W 68mm D 38mm

Optional mains AC power adaptor

## OPTIONAL WI-FI CAMERA



Visit out website and search **KFM30C** 

Compatible with all Easylink/Medpage transmitters

Quick and easy to set up and use

3-level alarm tone volume switch (up to 96dB)

Latched or timed alarm duration (continuous or 30 seconds)

Power/signal/battery status LED

Output for vibrating pad to aid deaf people

#### NANNY (BM-02) APNOEA MONITOR CESSATION OF BREATHING ALARM

The Nanny BM-02 is designed to monitor the breathing movements of sleeping children. A sensor sheet measuring 550mm x 350mm x 15mm is positioned under the mattress. The sensor is connected to a monitor that analyses the tiny chest movements created by breathing.

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If less than 8 breaths per minute are recorded the alarm will sound. Additionally, if breathing movements are not detected for a period exceeding 20 seconds, the alarm will sound. When the alarm is activated it must be reset at the monitor to acknowledge the alarm.

The Nanny BM-02 has LED's that indicate: confirmation of

breathing detected, low battery warning and sensor fault.

The sensor is enclosed in a washable vinyl pocket where normal strength disinfectant may be used should the sensor

become soiled. The sensor has a two metre connection lead with a 5 metre extension lead supplied to enable positioning of the monitor alarm outside of the patients room.

The Nanny BM-02 is suitable for children with medical conditions that may cause cessation of breathing including; babies at risk from cot death (SIDS) children with Epilepsy at risk from SUDEP. Certified medical device. Maximum patient body weight 15Kg.

## ORDER CODE BM-02 PRICE £82.05 + VAT (£98.46)





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## **HEALTH AND WELL BEING PRODUCTS**

## **DIABETES - LOW BLOOD SUGAR SYMPTOMS ALARM**

The HSA-01 can detect the symptoms of Hypoglycaemia, (low blood sugar) for diabetic people. The HSA-01 is a self-contained device that incorporates two sensors located on the rear of the product, styled like a wristwatch. The sensors, when in contact with the skin of the wrist or ankle respond to perspiration and body temperature (cold sweats), two common symptoms of low blood sugar. If a cold sweat is detected, a built in vibrator operates along with a tone beeper alarm. The persistent vibration from the alarm is sufficient to disturb most users from sleep enabling a blood test and remedial action to be taken.

The HSA-01 has been successful with 79% of our customers. It will not suit everyone all of the time. We do offer a 28- day money back guarantee for the purpose of evaluation. We do not recycle these devices. If you know that proceding/during a hypo, perspiration levels increase and you become clammy and cold, then the HSA-01 will most likely work very well for you.

## ORDER CODE HSA-01 PRICE £79.95 + VAT



Stylish Smartband for use with your Smartphone. Set daily wake up alarms and reminders. Checks heart rate and blood pressure.

- Vibrating wake up alarms
- Set daily reminders
- 100% Waterproof
- Bluetooth 4 connection
- Text, phone, whatsapp, alerts
- Heart rate alarm
- Pedometer (step counter)
- Sleep quality monitoring
- Blood pressure reading
- Long battery life (4-5 days)
- USB charging
- 12/24 Hour time display
- Great app for Android & iOS

## ORDER CODE MDHW-E1 PRICE £51.62 + VAT (£61.95)









## WIRELESS DIGITAL MULTI-CAMERA MONITORING SYSTEM

MEDBM-02 is a high performance wireless digital camera system with high resolution portable rechargeable monitor screen and the ability to select or automatically scan between cameras paired to the monitor.

The digital signal is encrypted for privacy and security and has a range of up to 100M (open field).

Cameras have high performance night vision infrared optics and room temperature sensor.

#### SPECIFICATIONS GENERAL

- Operating frequency 2400 2483.5 Mhz
- Transmitter power 17dbm
- Modulation GFSK
- Operating temp 0°c + 40°c
- Humidity range 85% RH

#### CAMERA

- Image sensor 1/3" colour CMOS
- Effective pixel h: 640 w: 480
- Lens elf= 3.6mm f=2.8
- Viewing angle 70 degree
- Ir night vision 7pcs 5mm IR LED's
- Power 5v DC (adaptor included)
- Built in microphone
- Built in temperature alarm

#### WIRELESS MONITOR

- Display type colour TFT 3.5"
- Resolution (pixel) 960 x 240 rgb
- Dims: W 120mm H 90mm D 25mm
- Rechargeable li-polymer battery
- Standby 4-6 hours typical
- Power supply 5v DC (adaptor included)

Camera system with 1 x monitor 1 x camera ORDER CODE MEDBM-02 PRICE £87.00 + VAT (£104.40)

Additional camera with power supply ORDER CODE MEDBM-02C PRICE £38.00 + VAT (£45.60)

#### IDEAL FOR CHILDREN, ELDERLY, INFIRM OR BUILDING SURVEILLANCE

UP TO 4 CAMERAS CAN BE PAIRED WITH THE PORTABLE MONITOR







#### WI-FI VIDEO CAMERA WITH LIVE SMARTPHONE VIEWER

MWV-04 Wi-Fi camera provides a high-quality Wi-Fi connected home or business live video monitoring solution direct to your Smartphone. Ideal for keeping an eye on the children, elderly, visitors to the home, even tradesmen.

Set up in a matter of seconds via the APP for iOS or Android, you can view live video from anywhere your Smartphone internet connection allows. You can download recorded video from the camera stored on the micro-SD card (not included) and scroll back to highlighted recordings on the timeline. Ideal for monitoring medical conditions for reference.

# STREAM LIVE VIDEO FROM YOUR HOME OR BUSINESS DIRECT TO YOUR SMARTPHONE

RECORD AND DOWNLOAD VIDEO TO YOUR SMARTPHONE FROM THE CAMERA SD CARD

#### VIEW LIVE VIDEO IN LOW LIGHT CONDITIONS THROUGH THE SUPER EFFICIENT NIGHT-VISION SENSORS

#### **CAMERA SPECIFICATION**

- 1 Mega pixel (1280 x 720p)
- 2.8mm HD camera
- H.264 compression file format
- Real-time 720p video streaming with auto adjust frame rate up to 25/30fps
- Auto night mode switching (IR supporting distance of 5m)
- Auto white balance and auto gain control
- Supports up to 32G micro SD card for local recording
- Working Temp -10 to +50°C
- Powered by 5V DC USB connector lead included

#### ORDER CODE MWV-04 PRICE £66.65 + VAT (£79.99)



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# MEDPAGE MICRO GPS LOCATION TRACKER WITH INTEGRATED FALL SENSOR

The MedPage Micro is tiny compared to most GPS location trackers and is manufactured to a very high standard. The GPS location is accurate to within 15 Metres and will also provide location details from within a building. The compact stylish design will appeal to all ages, especially with the fabulous colour choices available. The Smartphone APP allows all settings to be maintained remotely. Switch the fall sensor on/off, manage emergency contacts, set Geo-Fence, location interval updates and view precise location of the tracker with integrated Google Maps.

Wander and fall detection with GPS location for the elderly andpeople with special needs

Protection for Children, at school, on school trips or when playing outside

Asset tracking for luggage, golf clubs, cycles, mobility scooters

- Extremely compact measuring only 38mm x 38mm x 12mm
- Extremely lightweight: 24g including battery
- GPS location accurate to 15 Metres
- Indoor location tracking via Wi-Fi detection
- Two-Way mobile voice calling
- Caller "White List" to prevent annoyance calls
- Fall detection sensors
- Fall activation warning with button cancel
- Splash proof to IP57
- Journey history review (free service)
- No subscription, monitoring or web tracking fees
- SOS contact button sends location text to emergency contact list and or voice call
- Set remote alarm reminders via Smartphone APP
- · Link to home Wi-Fi (no connection) for leaving home alert
- Store up to 5 emergency contact numbers
- Location update interval controllable via APP
- Talking clock function press button for speaking clock
- Up to 120 hour battery standby
- USB charging time 2 3 hours
- Use Contract or PAYG SIM cards
- Not recommended for Three (3) Network

## ORDER CODE MMTB-02 (+ COLOUR) PRICE £74.99 + VAT (£89.99)



PINK



BLACK





WEB