

## Key Features

### BluNet

- ≤ EDF+ European Data Format
- ≤ Bluetooth LE 4.0
- ≤ Rechargeable Li-Ion Battery
- ≤ Internal memory 2 Gb  $\mu$ SD
- ≤ IP33
- ≤ Dimension: 22 x 40 x 50 mm
- ≤ Weight: 27 gr

### Dock Station

- ≤ 3 modules simultaneously charging
- ≤ Charging current 150 mA for each modules
- ≤ USB connector
- ≤ Electronic identification system of connected modules
- ≤ LED indicators of connected modules
- ≤ Galvanic isolation > 4000 V AC
- ≤ Mechanical system prevents patient connection while charging



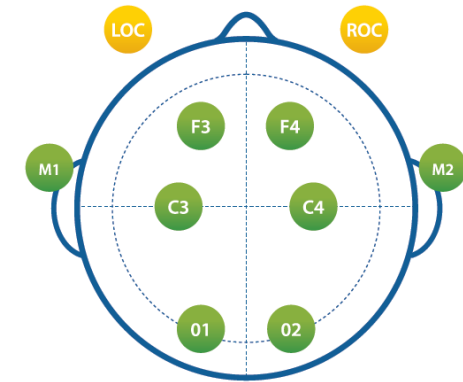
# BluNet

## Sleep



## BluNet EXG module

- ≤ Electrode's impedance measurement
- ≤ 10 monopolar channels or 8 monopolar +2 bipolar channels
- ≤ Programmable sampling rate
- ≤ One A/D conversion 16 bits  $\Sigma\Delta$  for each channel
- ≤ Insulation degree CF
- ≤ Input impedance 10 M  $\Omega$
- ≤ Input dynamic +/- 4 mV
- ≤ Low Noise
- ≤ Head position/movement monitoring



## BluNet PSG module

- ≤ 4 bipolar EXG channels
- ≤ 1 ECG specific dedicated channel
- ≤ 2 dedicated Thor&Abdo channels
- ≤ Canula pressure transducer for oro-nasal flow and snoring
- ≤ Insulation degree CF
- ≤ Input impedance 10 M  $\Omega$
- ≤ Input dynamic +/- 4 mV
- ≤ Low Noise
- ≤ Body position



### RECORDED CHANNELS

- ≤ Nasal flow pressure (thru nasal cannula)
- ≤ Snoring (thru nasal cannula)
- ≤ Oro-nasal flow (thru thermistor)
- ≤ Abdominal movement (thru DIB: Digital Inductive Belt)
- ≤ Thoracic movement (thru DIB: Digital Inductive Belt)
- ≤ XFlow (thru DIB module)
- ≤ Legs EMG (LLEG, RLEG)
- ≤ Chin EMG
- ≤ ECG
- ≤ T (thru infrared)
- ≤ HR (thru pulse oximeter)
- ≤ SpO2 (thru pulse oximeter)
- ≤ Pleth (thru pulse oximeter)
- ≤ V battery
- ≤ acc. X (thru accelerometer)
- ≤ acc. Y (thru accelerometer)
- ≤ acc. Z (thru accelerometer)
- ≤ Body Position (thru accelerometer)
- ≤ Activity | acc (thru accelerometer)

