



PackStatus®



Multi sensor device

- Measure the following conditions:
 - Temperature: Accuracy $\pm 1,0^{\circ}\text{C}$, Resolution $0,1^{\circ}\text{C}$
 - Light: Effective range 1:1023 lux
 - Impact: Impact with threshold up to 8g
 - Movement: Detection of stationary or movement state by accelerometer
 - Dual tampering:
 - Removal from cradle
 - Tilt-based with programmable threshold
 - Barometric pressure: air pressure translation to "Meters above sea level"
 - Listen in: Built-in microphone
 - Disassembly
 - Shocks
 - Geo fence
 - Free fall/Impact
- Scalable by using a wide range of interchangeable sensors. This results in reduced 'total cost of ownership. "
- 2G: Quad band GSM: GSM/GPRS:42.8[UL]/85.6[DL] Kbps, 850/900/1800/1900 Mhz
- 3G:
 - Five bands UMTS (WCDMA/FDD): 800, 850, 900, 1900 en 2100 Mhz
 - HSDPA data rates 7.2[DL] / 5.76[UL] Mbps
 - Quad band GSM: 850, 900, 1800, en 1900 Mhz
 - EDGE data rates: 237[DL] / 237[UL] Kbps
 - GPRS data rates: 85.6[DL] / 85.6[UL] Kbps





PackStatus®

- Micro-USB connector
- Internal rechargeable Lithium-Polymer batterie (3.7V, 1000mAH)
- Extra external battery possible
- Meets certification:
 - FCC
 - CE
 - IC
 - PTRCB
 - UL
 - IEC 60529 - IP67
 - AT&T
 - EN12830:1999
 - GDP
- Dimensions: 86.2 x 59.1 x 22.7 mm
- Weight: 94g

External sensors

- Temperature:
 - Accuracy $\pm 1,0^{\circ}\text{C}$, Resolution $0,1^{\circ}\text{C}$
 - Accuracy in MultiSense-TH
 - $\pm 0,5^{\circ}\text{C}$ in temperature range of 0°C to $+65^{\circ}\text{C}$,
 - $\pm 1,0^{\circ}\text{C}$ in temperature ranges of -30°C to 0°C and from $+65^{\circ}\text{C}$ to $+85^{\circ}\text{C}$
- Relative Humidity (MultiSense-TH): Typical accuracy $\pm 3\%$ RH, Resol
- Light: Effective range 1:512 lux
- Open/Close door: 10-30mm range from the defined permanent magnet
- Free fall/Impact

