



CONDOR
INSTRUMENTS

ActTrust



Ficha Técnica

Última Revisão: 09/03/2015

Specifications

Weight Without Band	19g
Weight With Band	38g
Dimensions	47mm x 31mm x 12mm
Memory size	4MB
Sampling Period	3 Months (Using 60s epoch)
Battery Life	3 Months (Using 60s epoch)
Battery type	Rechargeable
Water Resistance	IP67
Sampling Interval	Settable from 1s to 86400s
Sensors	Accelerometer Wrist and Ambient Temperature RGB-IR Light
Communication	USB using a dock as interface
Activity Modes	PIM, TAT and ZCM

Accelerometer

Axes	3
Resolution	12 bits
Sampling Rate	25Hz

Temperature Sensors

Accuracy	+/-0.5°C (20°C to 40°C)/ 1°C For other values
Operating Range	0°C – 70°C

Light Sensor

Spectrum	Red, Green, Blue and Infrared
Observations	It measures the intensity of each spectrum independently and the total light intensity
Operating Range	0.01 - 8388.61µW/cm ²
Accuracy	2% at 10µW/cm ² (typical)



WAVELENGTH vs. COUNTS

