



4TS dSeal L120™ Specifications

General

OPERATING ENVIRONMENT:	-20°C to +60°C, 0 to 100% RH (non-condensing)
DIMENSIONS:	134 * 79 * 18 (mm)
WEIGHT:	125 g
OPERATING TIME:	Up to 14 days
BATTERY:	Rechargeable Li-Polymer 1000 mAh and back up battery for real time clock (lithium 3 V)
CHARGING TEMPERATURE:	0°C to 60°C
MEMORY:	512 MB miniSD memory card
ENCLOSURE:	ABS Polycarbonate
APPROVALS:	CE, RoHS Compliant
RECORDING RATE:	60 s or higher (temperature, pressure, humidity) and on alert events (Integrity, shock and free fall only on alert events)
INDICATORS	Multi-functional indicator led



Sensors

TEMPERATURE	Range: -20°C to +60°C Resolution: 0.01°C Accuracy: +/- 0.5°C @ 25°C	FREE FALL	Range: >10 cm Accuracy: 5 cm Recording rate: on alert events
HUMIDITY	Range: 0 to 100% RH Resolution: 0.03% RH Accuracy: +/- 3.5% RH @ 25°C	SHOCK	Tri-axial sensor Range: 1.2 to 10 g Accuracy: 0.0029 g Recording rate: on alert events
PRESSURE	Range: 300 to 1200 mbar Resolution: 0.015 mbar Accuracy: 0.3 to 0.8 mbar FSR @ 25°C	INTEGRITY	Integrity recognition is based on light sensor Range: Visible light from 0 lux Accuracy: 0.01 lux Recording rate: on alert events

Software & Configuration

SOFTWARE	4TS dMonitor Lite™ multiplatform application 4TS dMonitor Lite™ application is to stored device's miniSD memory card Type: Java™ application Requirements: Sun Microsystems Java Runtime 6.0 or higher (free to download http://www.java.com) Data display: displays all sensor values and alert events of logging period.
CONNECTIVITY	All data is stored to the miniSD memory card and can be accessed with 4TS dMonitor Lite™ application by using USB card reader. USB card reader is included in the sales package.
CONFIGURATION	Configurations are made with 4TS dMonitor Lite™ application
CONFIGURATION OPTIONS	Sensors: All sensors can be turned on/off Limit values: configurable limit values for every sensor. The device saves a alert event to the memory card if limit values are exceeded. The indicator led displays if limit values are exceeded during logging period. Configurable recording rate: Minimum recording rate 60 s Resolution 60 s.