

Xsense® USB-01 USB Datalogger with a Twist



Introduction

Xsense® USB dataloggers are a simple, compact and affordable choice for monitoring the temperature of goods over the course of shipments. They can be accepted by most receivers and require no installation of proprietary software.

Plug the USB datalogger into the USB port of a computer, and the datalogger will automatically create a report of the cold chain shipment in Adobe® PDF format, our system permit you create to a file of the readings in CSV format if necessary.

There are many USB temperature data monitors on the market. Xsense® offers theirs with a twist to make user's life a bit easier. Upload the PDF file to Xsense® Cloud via the Xsense® portal or send an email with the PDF file as an attachment to the email address of the Xsense® Cloud servers and the contents of the PDF will be parsed and stored in Xsense® Cloud. This ensures compliance with 21 CFR Part 11 standards for the handling of data. This also triggers a whole series of other events. The results are made available on-line to all users associated with the shipment, alerts and arrival notifications may be triggered, and the results will be available on users' smartphones.

Features and benefits

Integrated USB connector

No purchase of software required

Automatic generation of results in Adobe® PDF format



Data Report

ID:XS1020090454

File Information

File Created Date: 09/27/20 08:22:55
Note: All Times shown are based on UTC+0:00 and 24-Hour clock [MM/DD/YY HH:MM:SS]

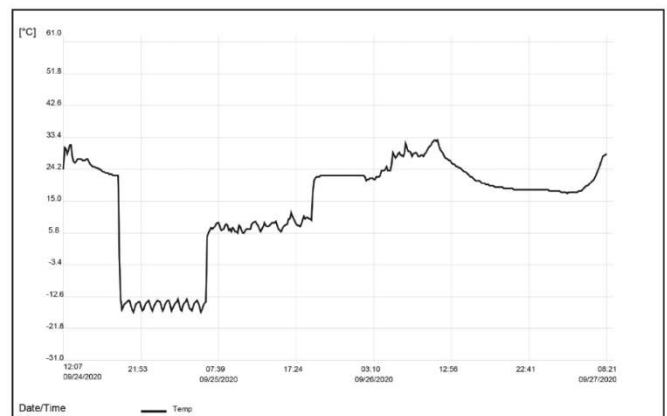
Device Information

Device Type:	XSU1T100	Firmware Version:	2.12
ID:	XS1020090454	Log Interval:	10 min
Start Delay:	0 min		
Description:	Temperature Recording		

Logging Summary

First Point:	09/24/20 12:07:37	Max:	32.8°C
Stop Time:	09/27/20 08:17:37	Min:	-16.9°C
Number of Points:	410	MKT:	20.6°C
Trip Length:	02d 20h 10m 00s	Average:	14.1°C
Stop Mode:	Manual Stop		

Alarm Condition	First Point Time	Time of Violations	No. of Violations	Status
N/A				



Xsense® USB-01 specification

Model Name	Xsense USB-01
Reading Storage Capacity	10,000 Readings
Reading Sampling Interval	10/15 Minutes
Battery	CR2032
Battery Life	2 Years
Operating Temperature	-30°C ~ +60°C (22°F ~ 140°F)
Accuracy	$\pm 0.5^{\circ}\text{C}$ (-20°C to 40°C) $\pm 1.0^{\circ}\text{C}$ from -30°C to -20°C ($\pm 1.8^{\circ}\text{F}$ from -22°F to -4°F) $\pm 1.0^{\circ}\text{C}$ from +40°C to +60°C ($\pm 1.8^{\circ}\text{F}$ from +104°F to +140°F)
Resolution	0.1°C
Startup Delay	0 minutes
Alarm Function	Can be set on the Xsense® system
Storage	Recommend 20% to 60% RH, 10°C to 50°C (50°F to 122°F)
Ingress Protection (per IEC standard 60529)	IP67 rated waterproof.
Dimensions	67mm*28mm*5.5mm (2.6in*1.1in*0.2in)
Weight	12g (0.42oz)
Communication Interface	USB2.0, A-Type plug
Report Type	PDF
Compatible Cloud Platform	Xsense® Cloud (Upload PDF manually or via email)
Quality Assurance Certifications	Calibration traceable to NIST® recognized standard