TECHNICAL DATA

Fluke 961A/961B/961C Temperature Humidity Logger with USB Connection

Key features

- USB interface for direct reading PDF report, no software required
- 32,000 sets of data for long time logging
- Minimum logging interval of 10 seconds, instantaneous logging of rapid environment changes
- FDA compliant, data traceable
- Multiple formats for data export and reporting
- 1 meter drop test, IP54 ingress protection
- Compact and light, easy to record and read data at any time

Download Flukelog Temperature Humidity Logger Desktop Software

Product overview: Fluke 961A/961B/961C Temperature Humidity Logger with USB Connection

Record and read data at any time, easy to use

No additional data cable is required, by simply using the USB interface of the Fluke 961, you can easily read temperature and humidity report in PDF generated automatically, and you can also quickly export the temperature and humidity data in the Logger in the form of tables, charts, and text. Up to 32,000 sets of data for long-term logging without exporting frequently. The Fluke 961 Series Temperature Humidity Logger with USB Connection is a convenient

tool for monitoring temperature and humidity in food, pharmaceutical, cold-chain and cold storage industries.

Recommended usage scenario: Long term logging, viewing data on demand

- Cold-chain transportation
- Cold storage validation
- Fresh food
- Temporary transhipment
- Refrigerators and freezers
- Ultra-low temperature storage

Specifications: Fluke 961A/961B/961C Temperature Humidity Logger with USB Connection

		961A	961B	961C
Detailed Specifications				
Sensor Type		Inteal	Exteal	Exteal
Temperature Measurement				
Temperature Measurement Range		-30.0 °C to 70.0 °C	-85.0 °C to 150.0 °C	-40.0 °C to 85.0 °C
Accuracy		± 0.4 °C	±(0.3 + 0.005 x |readings|) °C	± 0.4 °C
Resolution		0.1 °C		
Humidity Measurement				
Range		0% to 100.0% RH	NA	0% to 100.0% RH
Accuracy		±3% RH (20 to 80% RH @ 25 °C); ±5% RH (<20% RH, >80% RH @ 25 °C)	NA	±3% RH (20 to 80% RH @ 25 °C); ±5% RH (<20% RH, >80% RH @ 25 °C)
Resolution		0.1% RH	NA	0.1% RH
Date Storage		32 000		
Logging Interval		10 s to 24 hr		
Start Mode		Press buon or use software		
Stop Mode		Press buon, use software or stop-when-full		
Alarm Threshold		Up to 3 upper temperature limits and 2 lower temperature limits 1 upper humidity limit and 1 lower humidity limit		
Alarm Type		Single / Cumulative		
Report Format		PDF (direct read via a PC), Excel and TXT (via PC software)		
General Specifications				
Temperature	Operating	-30 °C to 70 °C (the Logger)		
	Storage	-30 °C to 70 °C (the Logger)		

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Altitude	Operating	2 000 m
	Storage	12 000 m
Relative Humidity	Operating	0% RH to 100% RH, non-condensing
	Storage	<75% RH
Power Supply	Baery type	CR2450 x 1
	Baery Life	1 year (logging @ 15 min interval, 25 °C)
Safety	IEC 610101-1, Pollution Degree 2	
Dimensions (L x W x H)	107 mm x 47 mm x 17 mm (No exteal probe)	
Weight	60 g (with baery)	88 g (with baery)	78 g (with baery)
IP Rating	IEC 60529: IP65	
Electromagnetic Compatibility (EMC)	IEC 61326-1: Basic Electromagnetic Environment; CISPR 11: Group 1, Class A	

Group 1: Equipment intentionally generates and/or uses conductive-coupled RF energy, which is necessary for its inteal operation.
Class A: Equipment is suitable for use in all establishments other than domestic and those directly connected to a low-voltage power supply network that supplies buildings used for domestic purposes. There may be potential difficulties in ensuring electromagnetic compatibility in other environments due to conducted and radiated disturbances.
Caution: This equipment is not intended for use in residential environments and may not provide adequate protection to radio reception in such environments.

Ordering information

Fluke 961A/961B/961C

Fluke 961A/961B/961C Temperature Humidity Logger with USB Connection

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Fluke 961A Temperature Humidity Logger with USB Connection

Standard Accessories

- Fluke 961A Temperature Humidity Logger
- Mounting bracket and screws
- Velcro hook and loop fastener

Fluke 961B Temperature Humidity Logger with USB Connection

Standard Accessories

- Fluke 961B Temperature Humidity Logger
- Mounting bracket and screws
- Velcro hook and loop fastener

Fluke 961C Temperature Humidity Logger with USB Connection

Standard Accessories

- Fluke 961C Temperature Humidity Logger
- Mounting bracket and screws
- Velcro hook and loop fastener

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