

# XLS-TU05

## USB Temperature Data Recorder

The xelexon XLS-TU05 is a compact, single-use USB temperature data recorder designed for precise cold-chain monitoring. Featuring direct USB connectivity and automatic PDF report generation, it requires no software installation, ensuring seamless integration into global logistics workflows.

- CE
- EN 12830
- IP67
- USB 2.0



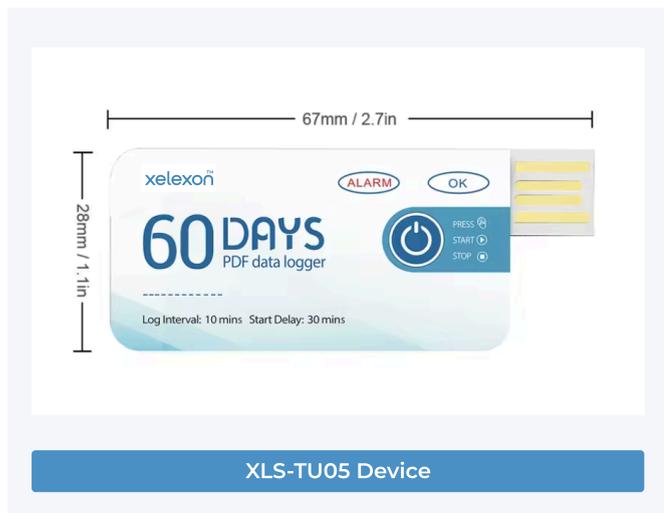
### TECHNICAL SPECIFICATIONS

Device Parameters	
Model	XLS-TU05
Product Type	Single-Use PDF Temperature Data Logger
Dimensions	67 × 28 × 5.5 mm
Weight	12 g
Temperature Range	-30 °C to +70 °C
Temperature Accuracy	±0.5 °C (-20 °C to +40 °C); ±1.0 °C (other ranges)
Temperature Resolution	0.1 °C
Data Storage Capacity	10,000 records
Recording Interval	5 / 10 / 15 minutes (standard); others on request
Recording Duration	30 / 60 / 90 days (standard); others on request
Start Delay	30 minutes
Alarm Range	Below 2 °C or above 8 °C
Alarm Indication	Red LED flashes every 10 s when temperature out of range
Report Type	Automatic PDF report generation
Interface	USB 2.0
Waterproof Level	IP67 (with seal-bag)
Battery Type	CR2032 button cell
Shelf Life	2 years
Use Type	Single use (disposable)
Material	Plastic
Communication	Plug-and-play; no driver or software required
Standards Compliance	CE, EN 12830, RoHS
Storage Conditions	10 °C to 50 °C; 20–60% RH (recommended)
Country of Origin	Sri Lanka

## HOW IT WORKS

<p><b>1</b></p> <p><b>Activate</b></p> <p>Press and hold button to start recording</p>	<p><b>2</b></p> <p><b>Deploy</b></p> <p>Place recorder with shipment or monitored package</p>	<p><b>3</b></p> <p><b>Monitor</b></p> <p>Device logs temperature throughout transport or storage</p>	<p><b>4</b></p> <p><b>Report</b></p> <p>Connect via USB to PC to generate automatic PDF report</p>
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## PRODUCT & PACKAGING VISUALS



## KEY FEATURES

- Single-use disposable design
- No software installation required
- Visual LED alarm indication
- Automatic PDF report via USB
- IP67 waterproof protection
- 2-year battery shelf life

## APPLICATIONS

- Cold-chain transport
- Warehouse storage
- Pharmaceutical logistics
- Food & beverage
- Fresh & frozen goods
- Chemical products
- Medical devices
- Agricultural products

## STORAGE & HANDLING

<b>Operating Temp</b>	-30 °C to +70 °C
<b>Storage Conditions</b>	10 °C to 50 °C; 20-60% RH (recommended)
<b>Standards</b>	CE, EN 12830, RoHS