



Visual Display Temperature Sensor

The InstruVU Visual Display Temperature Sensor is a professional-grade monitoring solution featuring an integrated LCD for real-time visibility.

Designed for high-compliance industries like cold chain logistics, food safety (HACCP), and pharmaceuticals, it provides onsite data verification alongside wireless remote reporting.



FEATURES

- **Integrated LCD Display:** Provides immediate visual feedback of current readings, battery status, and alarm states directly at the monitoring point.
- **Single or Dual Channel Options:** Available in a single-input version for standard monitoring or a dual-input version for simultaneous multi-point tracking or door status integration.
- **Regulatory Compliance:** Fully meets HACCP, EN12830, and 21 CFR Part 11B requirements, featuring anti-tamper logging and automated PDF data export via USB-C.
- **Massive Local Data Storage:** Stores up to 10,000 historical records locally, with data retrieval and retransmission capabilities to ensure no gaps during network outages.
- **Rugged & Weatherproof:** Built with an IP65-rated enclosure and secure dust caps, suitable for harsh industrial environments and refrigerated storage.
- **Superior Battery Longevity:** Powered by high-capacity replaceable batteries, offering a service life of 5 to 15 years depending on the configuration and sampling interval.

SPECIFICATIONS

Features:

Input Channels:	1 (Standard) or 2 (Advanced Dual-Input)
Compatible Probes:	PT100 (Class A/B), Food Grade, or Magnetic Door Switch
Display Type:	Low-power LCD Segment Code Screen
Internal Logging:	10,000 sets of records (Exportable to CSV/PDF)
Configuration:	NFC (Mobile App), USB-C (PC), or Remote Downlink
Power Supply:	2 × 4000 mAh Li-SOCI2 Batteries or USB-C (5V/1A)
Operating Temperature:	-30°C to +70°C
Accuracy:	Typical ±0.4°C (Class A)
Mounting Options:	Wall screw mount or magnetic base

Warehouse



Food Safety



Pharmaceutical

