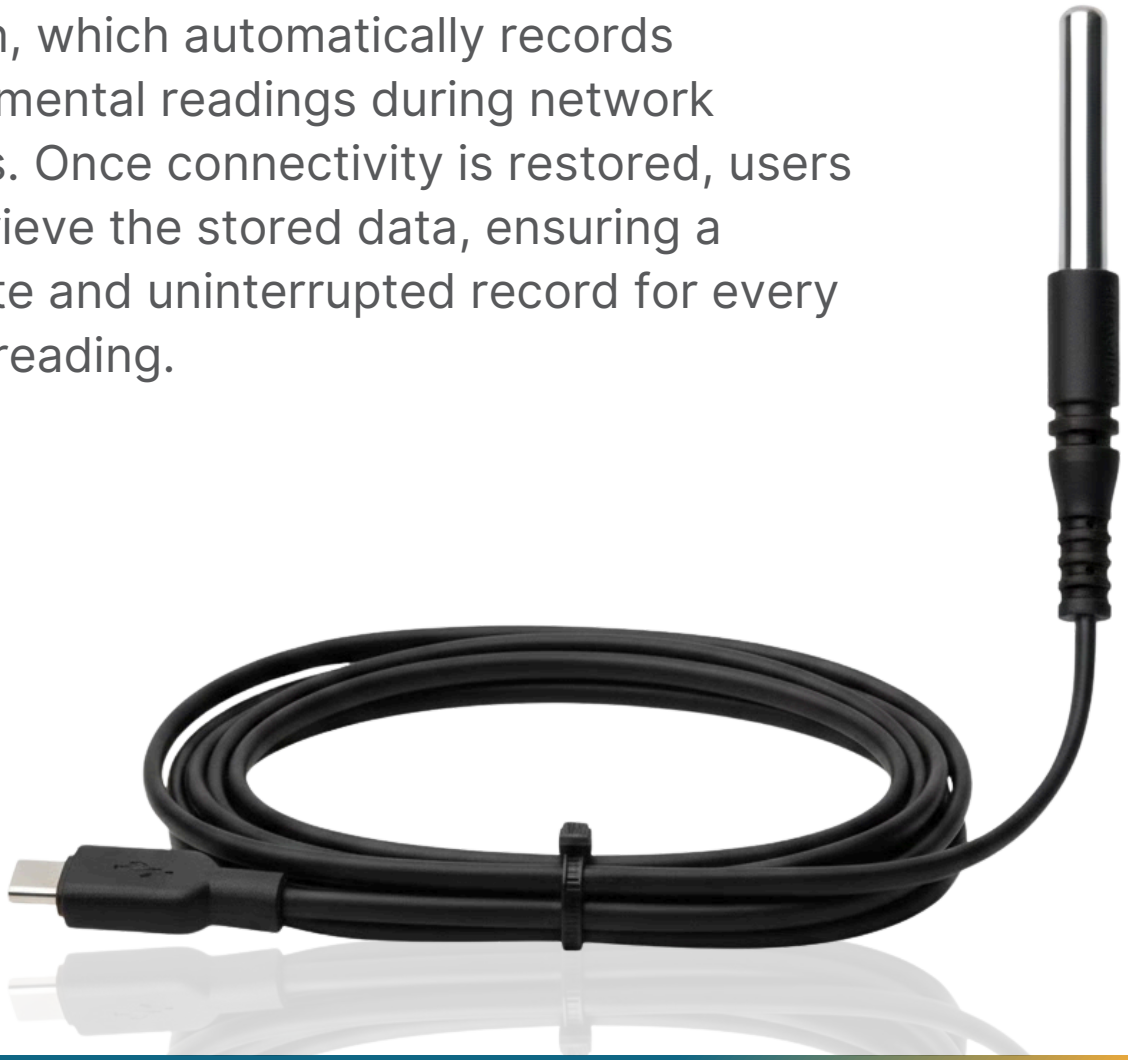
instruVU®
Visibility and Compliance with Confidence.

External High Accuracy Temperature Probe

InstruVU's External High Accuracy Temperature Probe utilizes the TI TMP117A NIST traceability sensor, delivering exceptional 0.1°C accuracy within standard temperature ranges.

This probe also features an integrated datalog function, which automatically records environmental readings during network outages. Once connectivity is restored, users can retrieve the stored data, ensuring a complete and uninterrupted record for every sensor reading.



FEATURES

- High-Accuracy Sensing: Renowned for its reliability and precision in monitoring temperature.
- Rugged Monitoring: Designed to monitor environments beyond the device's internal range, making it ideal for industrial control and building automation.
- Plug-and-Play: Connects directly via the device's external sensor port to provide a secondary monitoring point.
- Long-Range Communication: Sends high-resolution data back through the main sensor unit, maintaining high interference immunity.
- Datalog feature
- Uses TI TMP117A NIST traceability temperature sensor

SPECIFICATIONS

Temperature Range:	-55 °C to 150°C
Temperature Accuracy:	±0.1°C accuracy from -20°C to 50°C
	±0.2°C accuracy from -40°C to 100°C
	±0.3°C accuracy from -55°C to 150°C
Material:	Silica Gel Cable
Cable Length:	2 Meter
Compatibility:	InstruVU Temperature and Humidity Wireless Sensor
Calibration Type (Snap/Swap)[1]:	Snap

[1] Snap = replace only the probe with a pre-calibrated probe; the data logger remains installed and no cloud/device configuration changes are required. Swap = replace the probe and data logger together, typically requiring reassignment or configuration updates in the cloud.

APPLICATIONS

Refrigerator

Freezer

Vaccine