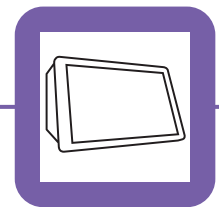


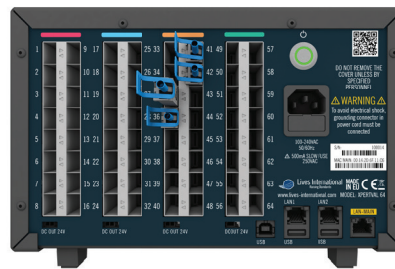
XpertVal64



64 Channel Data Acquisition System for Thermal Mapping and Validation with multiple sensor types (TC, PT100, Pressure, Humidity, 0-10V, 4-20mA, CO₂ etc) -200°C to +1200°C



- + No annual calibration needed
- + Wi-Fi compatible, can be remotely controlled over Wi-Fi
- + Connect 64 Smart Connectors and allow measurement every 1s for all the channels
- + Standalone/Controlled by XpertLog® Software
- + Cloud/local based data storage
- + Integrated rechargeable battery



Sensors

Channels

Measuring range

XSens Accuracy

Memory capacity

Sampling rate

Display

Software

Communication

Battery

Input Voltage

Closed loop calibration

Reference probes

Compatible Reference Probes

Compatible Dry Blocks

Calibration

Antenna

More

Dimensions

Weight

Dedicated connector for each type of sensors;

Analog to Digital conversion allows digital inputs to main unit

Most common sensor types: TC, PT100, Pressure, Humidity, 0-10V, 4-20mA, CO₂, etc

64 channels - Cold junction compensation on each thermocouple connector

-200°C to +1200°C

Depending on sensor used; 0.05°C after calibration

Internal memory: 16 GB; 4 GB data useful memory

Transfer data from XpertVal64 to XpertLog® Software directly via XpertLog® or via USB stick

Data protected through encryption in a proprietary format

1s to 24h for 64 channels

Touch screen, 10.1"

FDA 21 CFR Part 11 compliant; data integrity integrated

1 x USB to PC

2 x USB to equipment (Dry Block, Reference Probe)

1 x LAN to PC (with Power over Ethernet)

2 x LAN to equipment (Dry Block, Reference Probe)

1 x Wi-Fi

Internal rechargeable battery; up to 8 hours running time

100-240Vac @ 50/60Hz (no manual selection required)

Can be performed directly from the touch screen or via XpertLog® Software

Direct connection to XpertVal64 via USB port / LAN or via XpertLog® Software

Lives XpertRTD+, Fluke 1520A, Smart Probe IRTD

Ametek, Fluke, Sika, Isotech, Kaye

XpertVal64 does not require calibration

Sensor Calibration: NIST / COFRAC

Integrated Wi-Fi Antenna

User: closed loop calibration with or without XpertLog® Software

Can be used as standalone, can be operated from XpertLog® Software

Can be operated from mobile phones or tablet

26 x 26 x 19.5 cm / 10.2 x 10.2 x 7.7 inch (Width x Depth x Height)

3.7 kg

Order Reference

XpertVal64

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