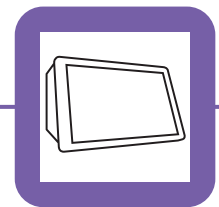
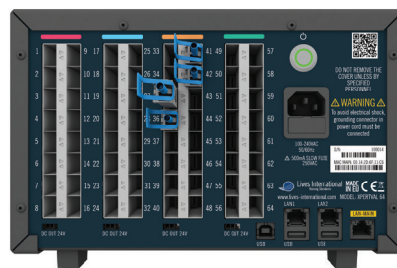


XpertVal64



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	Plug & Play XSens smart connectors Analog-to-digital conversion inside each XSens (digital output)
Sensor types	Thermocouple, PT100, pressure, humidity, 0-10V, 4-20 mA, CO ₂ , etc
Channels	64 channels Cold junction compensation built inside each XSens Thermocouple
Measuring range	-200°C to +1200°C depending on sensor type
Accuracy (temperature)	±0.05°C after calibration
Memory	16 GB internal memory (4 GB available for measurement data) Data stored encrypted in a proprietary format
Data transfer	Using XpertLog® Software by USB, LAN, Wi-Fi or by USB stick
Sampling rate	1s to 24 h, all 64 channels simultaneously
Display	Touch screen, 10.1"
Software compliance	FDA 21 CFR Part 11 compliant, with built-in data integrity
Connects by	Wi-Fi; LAN; USB
Connects with	Reference Probe; Dry Blocks
Integrated Battery	Backup battery up to 8 hours autonomy
Power supply	100-240Vac @ 50/60Hz (no manual selection required)
Closed-loop calibration	Using touch screen or through XpertLog® Software or web browser
Reference probe connection	Directly to the XpertVal64 (USB or LAN) or through XpertLog® Software
Compatible reference probes	Lives XpertRTD+, Fluke 1502A, Smart Probe IRTD using XpertRTD
Compatible dry blocks	Ametek, Fluke, Sika, Isotech, Kaye, Kambic
Calibration	No annual calibration Smart Connectors XSens: NIST-traceable / COFRAC-accredited calibration
Operation	Standalone or XpertLog® Cloud/local Can be operated from mobile phones or tablet
Dimensions (W x D x H)	26 x 26 x 19.5 cm / 10.2 x 10.2 x 7.7 in
Weight	3.7 kg / 8.1 lb

Order Reference
XpertVal64



XSens Compatible

