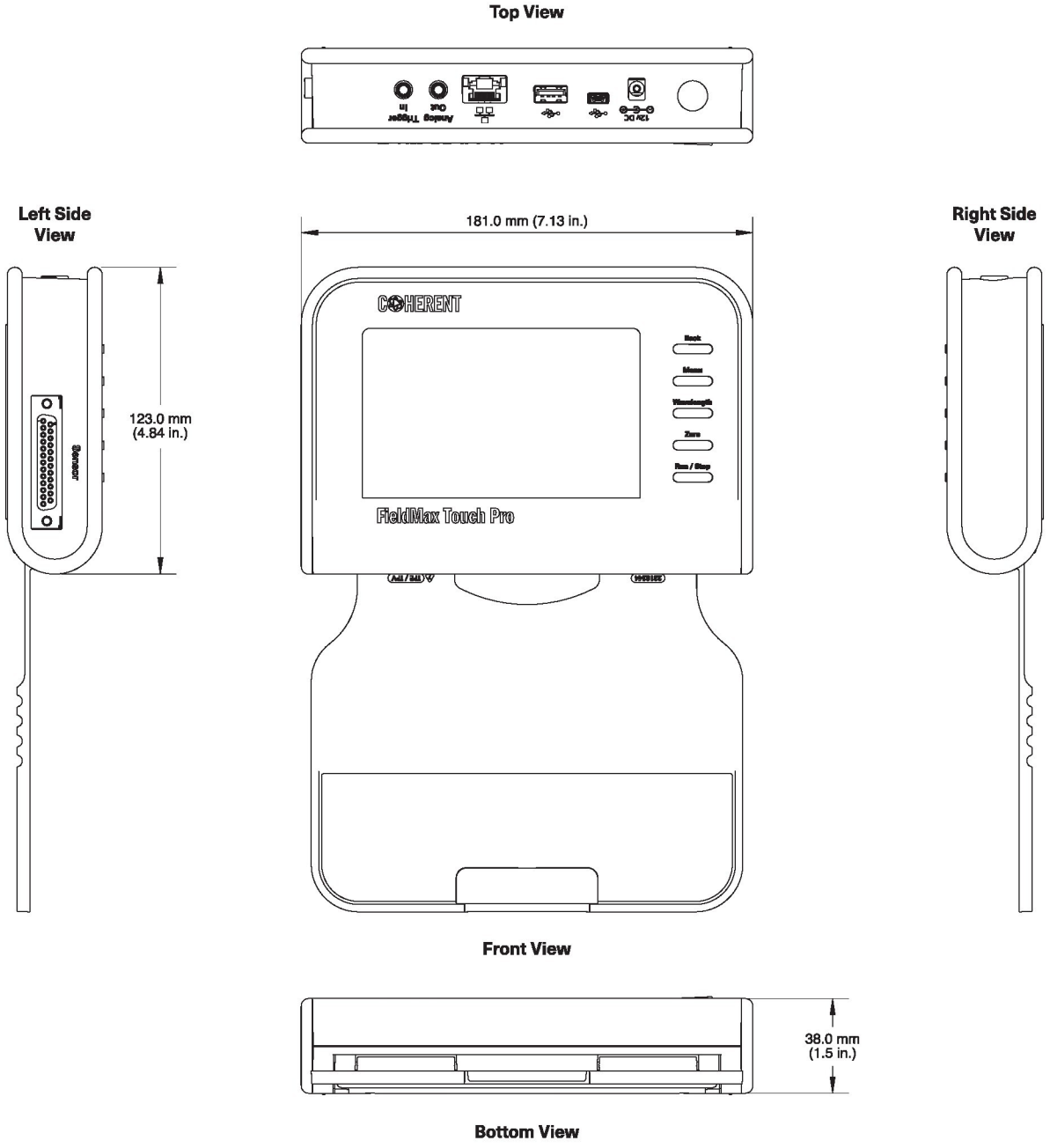
Specifications	FieldMax Touch Pro
Sensor Compatibility	Thermopile, Optical, Pyroelectric, and Transverse Thermoelectric
Measurement Range	1 µW to 30 kW, 100 nW resolution (thermopiles); 100 pW to 5 W, 10 pW resolution (optical); 10 nJ to 100 J, 1 nJ resolution (pyroelectric); 1 mW to 3 kW, 100 µW resolution (transverse thermoelectric)
Display Resolution	3 to 5 digits (user selectable)
Meter Accuracy (%)	±1
System Accuracy	Meter accuracy + sensor accuracy
Calibration Uncertainty (%)	±1
Channel Sampling Rate (Hz) – Thermopile	10
Channel Sampling Rate (Hz) – Optical	10
Laser Rep Rate (Hz) – Pyroelectric	1000
Channel Sampling Rate (Hz) – PowerMax Pro	10
Analog Output (VDC)	0.02 to 1, 2, or 4 (selectable)
Analog Output Resolution (mV)	0.1
Analog Output Accuracy (%)	±0.04 (25% to full scale), ±0.26 (5%–25%), ±1 (<5%)
Analog Output Update Rate (Hz)	500
Measurement Analysis	Tuning, data logging to flash drive, statistics (min., max., mean, range, std. dev.), and pulse energy measurements to 1 kHz
Display	800 x 480 pixel color TFT LCD, 5” touchscreen
Computer Interface	Ethernet, USB
Pulse Triggering	Internal and External
Battery Operating Temperature Range	0 to 40°C (0 to 95% RH, non-condensing)
Power Adapter Operating Temperature Range	0 to 50°C (0 to 95% RH, non-condensing)
Storage Temperature Range	-20 to 60°C (0 to 95% RH, non-condensing)
Instrument Power (external supply)	90 to 260 VAC, 50/60 Hz
Compliance	CE, RoHS, WEEE, ISO 17025
Dimensions	18.1 x 12.3 x 3.8 cm
Weight	771 g (1.70 lbs)
Top Panel	Power switch, 12 VDC input, Mini USB, Type A USB, RJ-45 Ethernet, Analog Out (3.5 mm), Trigger In (3.5 mm)
Left Panel	DB-25 Sensor Port
Part Number	2339784

Mechanical Specifications

FieldMax Touch Pro