

instruNet i555

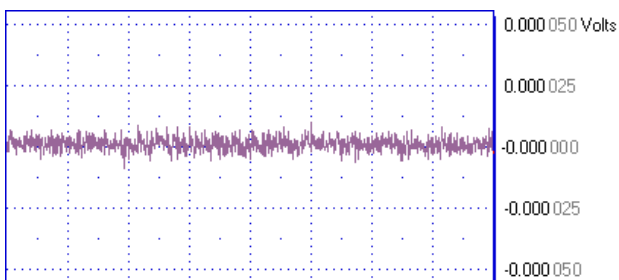
Direct To Sensor USB Data Acquisition Hardware & Software

- Connect Windows computer directly to sensors:
Volts, Resistance, Current, Thermocouple, RTD, Thermistor, Strain Gage, Load Cell, Pressure, LVDT, Flow and Accelerometer
- Includes Free instruNet World strip chart recorder software; or purchase powerful PLUS version.
- The i430 card provides:
 - 16se/8di Voltage Inputs with 24-bit A/D Converter²⁹
 - 2x Precision Voltage Outputs ($\pm 10V$, 14bit D/A)
 - 2x Voltage Outputs (0..+10V, 8bit D/A)
 - 4x Universal Digital I/O (20mA sink, -10V..30V)



Analog and digital I/O i4xx cards enable one to create an 8 to 256 channel measurement system

Introductory 6 minute Video



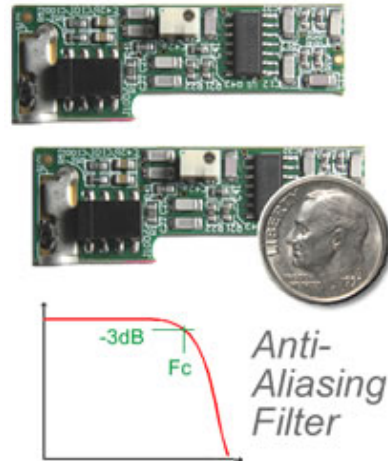
Reduce noise by placing instruNet near sensors and up to 100 meters from noisy computer. Shown



Compatible with Excel, LabVIEW, DASyLab, MATLAB, Origin, C & Visual BASIC on Windows \geq

above is 2.5 μ Vrms internal noise (1Ks/sec, ± 10 mV range)

XP SP3 Computers



Cards easily plug into a 4, 8, 12 or 16 slot card cage that communicates with Windows computer via high speed USB

Optional Anti-Aliasing Low Pass Filter Daughterboard affixes to i423 card. Digitize any combination of channels at 166,000 samples-per-second aggregate



Click to Enlarge



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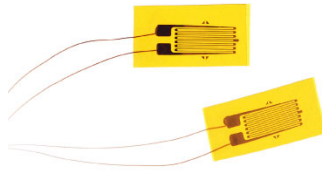
#iNet-555 is Low Cost Starter System which includes: i240, i430, i510, i400, i410, i312

i51x wiring boxes easily attach to i4xx series cards

Connect to Sensors in Several Easy Steps



Connect to Load Cell
in several easy steps



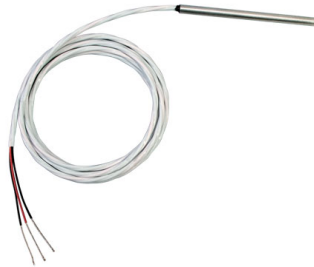
Connect to Strain Gage
in several easy steps



Connect to Pressure sensor
in several easy steps



Connect to Thermocouple
in several easy steps



Connect to RTD
in several easy steps



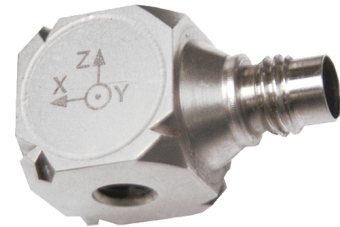
Connect to Thermistor
in several easy steps



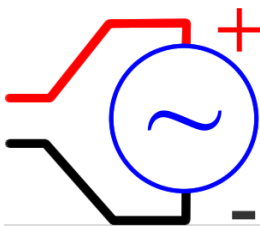
Connect to LVDT distance sensor
in several easy steps



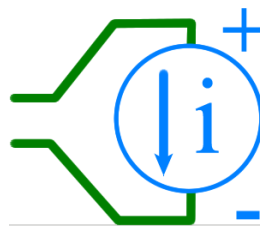
Connect to Flow sensor
in several easy steps



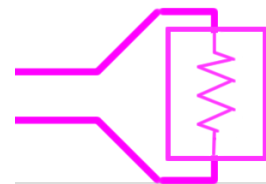
Connect to Accelerometer
in several easy steps



Connect to Voltage Source
in several easy steps



Connect to Current Source
in several easy steps



Connect to Resistance Device
in several easy steps