

Portable E Series Multifunction DAQ 12 or 16-Bit, up to 1.25 MS/s, 16 Analog Inputs

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Recommended Accessories

Signal conditioning is required for sensor measurements or voltage inputs greater than 10 V. National Instruments SCXI is a versatile, high-performance signal conditioning platform, intended for high-channel-count applications. NI SCC products provide portable, flexible signal conditioning options on a per-channel basis. Both signal conditioning platforms are designed to increase the performance and reliability of your DAQ System, and are up to 10X more accurate than terminal blocks (please visit ni.com/sigcon for more details). Refer to the table below for more information:

Sensor/Signals (>10 V)				
System Description	DAQ Device	Signal Conditioning	Page	
High performance	DAQCard-60xxE, DAQPad-60xxE	SCXI	270	
Low-Cost, portable	DAQCard-60xxE, DAQPad-60xxE	SCC	251	

Signals (<10 V) ¹				
System Description	DAQ Device	Terminal Block	Cable	Page
Shielded	DAQPad-60xxE	SCB-68	SH6868-EP	214
Shielded	DAQCard-60xxE	SCB-68	SHC6868-EP	214
Low-Cost	DAQPad-60xxE	CB-68LP	R6868	214
Low-Cost	DAQCard-60xxE	CB-68LP	RC6868	214

¹Terminal Blocks do not provide signal conditioning (ie. filtering, amplification, isolation, etc.), which may be necessary to increase the accuracy of your measurements.

Table 4. Recommended Accessories

Ordering Information

NI DAQCard-6036E	778561-01
NI DAQCard-6062E	777976-01
NI DAQCard-6024E	778269-01
NI DAQPad-6052E ¹ for FireWire (IEEE 1394) with Mass termination, AC Adapter ² , and 4 m FireWire cable	
US 120 VAC	778535-01
Universal Euro 240 VAC	778535-04
United Kingdom 240 VAC	778535-06
BNC termination, AC Adapter ² , and 4 m FireWire cable	
US 120 VAC	778536-01
Universal Euro 240 VAC	778536-04
United Kingdom 240 VAC	778536-06
NI DAQPad-6070E for FireWire ¹ (IEEE 1394) with Mass termination, AC Adapter ² , and 4 m FireWire cable	
US 120 VAC	777867-01
Universal Euro 240 VAC	777867-04
United Kingdom 240 VAC	777867-06
BNC termination, AC Adapter ² , and 4 m FireWire cable	
US 120 VAC	777803-01
Universal Euro 240 VAC	777803-04
United Kingdom 240 VAC	777803-06
NI DAQPad-6020E for USB ¹ in 15 cm enclosure with AC Adapter ² , and 1 m USB cable	
US 120 VAC	777474-01
Universal Euro 240 VAC	777474-04
United Kingdom 240 VAC	777474-06
Japan 120 VAC	777474-07

30 cm enclosure with mass termination, AC Adapter ² , and 1 m USB cable	
US 120 VAC	777704-01
Universal Euro 240 VAC	777704-04
United Kingdom 240 VAC	777704-06
Japan 120 VAC	777704-07
30 cm enclosure with BNC termination AC Adapter ² , and 1 m USB cable	
US 120 VAC	777703-01
Universal Euro 240 VAC	777703-04
United Kingdom 240 VAC	777703-06
Japan 120 VAC	777703-07

Includes NI-DAQ driver software and calibration certificate.

¹Windows 2000/XP only for DAQ Pads

²The AC Adapter is universal. The difference between these kits is the power cable.

DAQPad Accessories

BP-1 rechargeable battery pack	
120 VAC charger	776896-01
230 VAC charger	776896-31
Rack-mount kit	777665-01
Stacking kit	777666-01
PCI-to-IEEE 1394 adapter	Please call
CardBus-to-IEEE 1394 adapter	Please call

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