



DBK41™

10-Slot Analog Expansion Module



Compatibility: ✓ LogBook ✓ DaqBook ✓ DaqLab ✓ DaqScan ✓ DaqBoard/2000 Series

Features

- Accepts up to 10 DBK analog expansion cards
- Features analog backplane, eliminating the need for a cascaded ribbon cable
- Enables easy card installation
- Features rugged all metal construction for portable applications
- Attaches to the P1 or P2 expansion connector

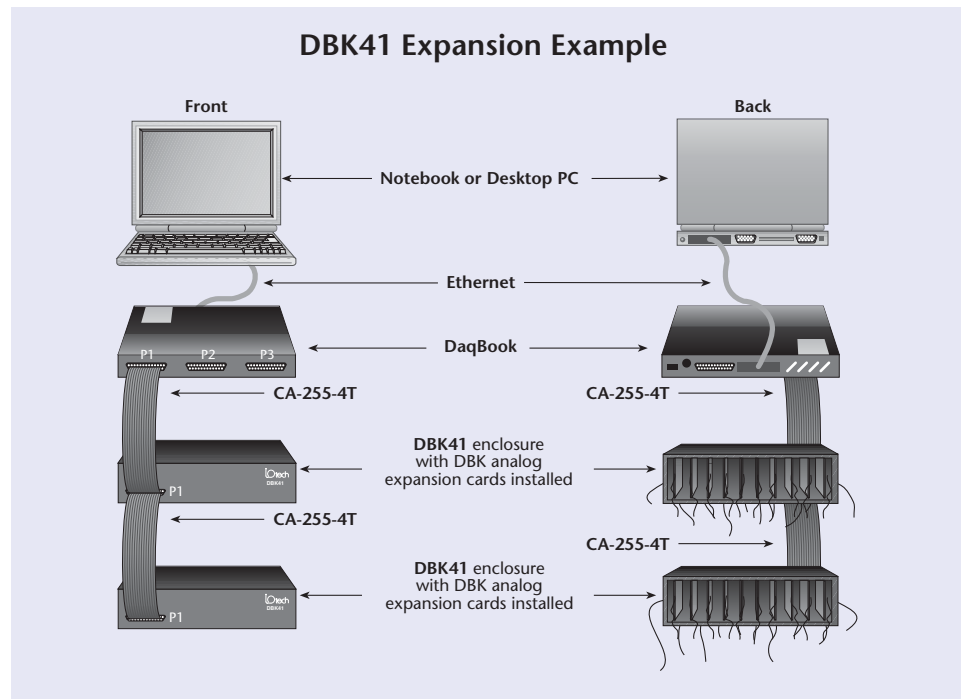
The **DBK41™*** analog expansion module allows IOtech's data acquisition systems to be expanded with any combination of up to 10 DBK series analog expansion cards. The DBK41's metal enclosure features an analog backplane into which the DBK series expansion cards can be easily installed.

Power Requirements. DBK series analog cards housed within the **DBK41** can obtain their power from the A/D's internal power supply. However, depending on the combination and number of cards installed within the unit, the **DBK32A™** optional power supply card may sometimes be required for adequate power (see power requirement table).

The **DBK32A™** can obtain its power from a number of sources: an included AC adapter, an optional **DBK30A** rechargeable battery/excitation module, **DBK34** battery/UPS module, or any 9 to 20 VDC source, such as an automobile battery.



The **DBK41** analog expansion module accommodates various analog signal conditioning and expansion cards in one system



* One version of this product is CE certified



DBK41™

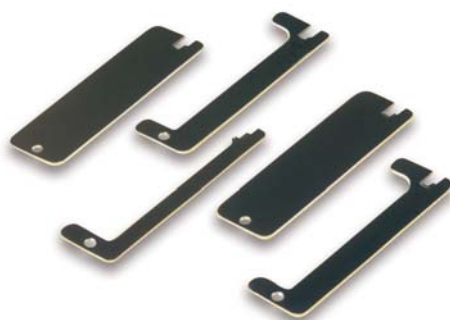
Specifications & Ordering Information



If needed, the DBK41 can be powered by the DBK32A power supply card



The DBK41 provides slots for up to 10 analog expansion cards



DBK41 CE kit is included with the DBK41 CE version

Specifications

Connector: DB37 male, mates with P1 or P2*
Card Capacity: 10 positions
Power Indicator: LED powered by DaqBook or DaqBoard, 5 VDC
Dimensions: 286 mm W x 253 mm D x 91 mm H (11" x 9.75" x 3.5")
 494 mm W x 253 mm D x 91 mm H (19" x 9.75" x 3.5") with optional rack-mount kit installed
Weight: 1.8 kg (4 lbs) with no cards installed
Power Consumption: 35 mW

Ordering Information

Description	Part No.
10-slot analog expansion module	DBK41
10-slot analog expansion module with fastener panels for CE applications	DBK41/CE

Accessories & Cables

Rack-mount kit	RackDBK-1
Shielded P1 T cable for use with all DaqBooks, LogBooks, and DaqLabs	CA-255-4T
Ribbon cable for use with DaqScan	CA-37-x

Note: The CA-37-x ribbon cable can also be used in lieu of the CA-255-x molded T cables.

For complete information on accessories and cables, visit www.iotech.com/acc

Related Products

LogBook
 DaqBook
 DaqLab
 DaqScan
 DBK10
 DBK30A
 DBK32A
 DBK34A
 DaqBoard/2000 Series

* Attachment to the DaqBoard/2000 series requires a DBK200, DBK202, DBK203A, DBK209, DBK213, or DBK214