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Find the *Measurement Computing / IOtech DBK41* at our website: *Click HERE*

DBK41

10-Slot Analog Expansion Module

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.

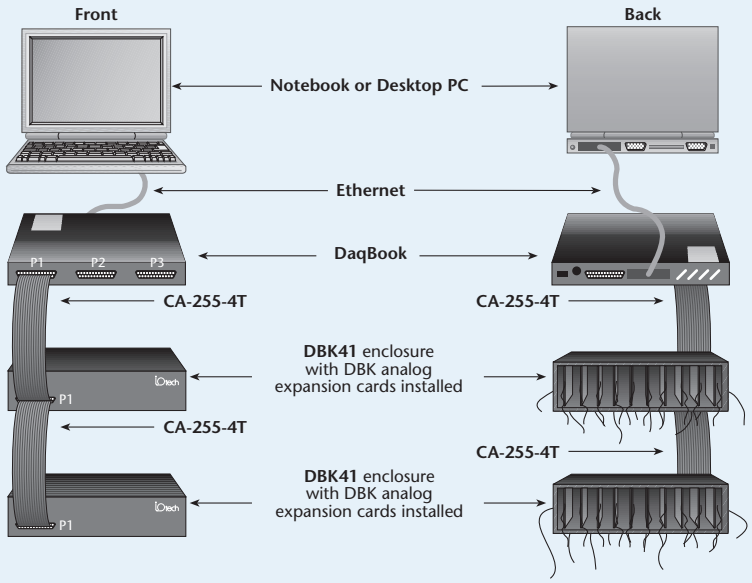
Power Requirements. DBK Series analog cards housed within the DBK41 can obtain their power from the A/D's internal power supply. However, depending on the combination and number of cards installed within the unit, the DBK32A optional power supply card may sometimes be required for adequate power (see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

DBK41 Expansion Example



* One version of this product is CE certified
** DBK82 cards occupy two slots each

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DBK41

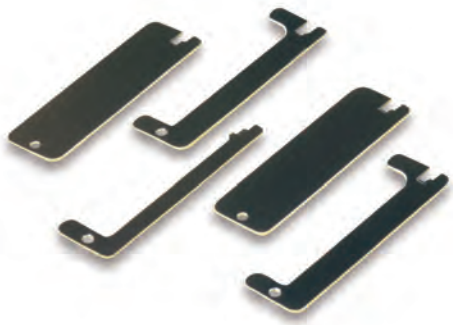
Specifications & Ordering Information



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
Molded T expansion cable; 4 in.	CA-255-4T
Ribbon cable, where x is the number of DBK devices attached	CA-37-x

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

Product Compatibility

- ✔ LogBook
- ✔ DaqBook
- ✔ DaqLab
- ✔ DaqScan
- ✔ DaqBoard/2000 Series

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

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