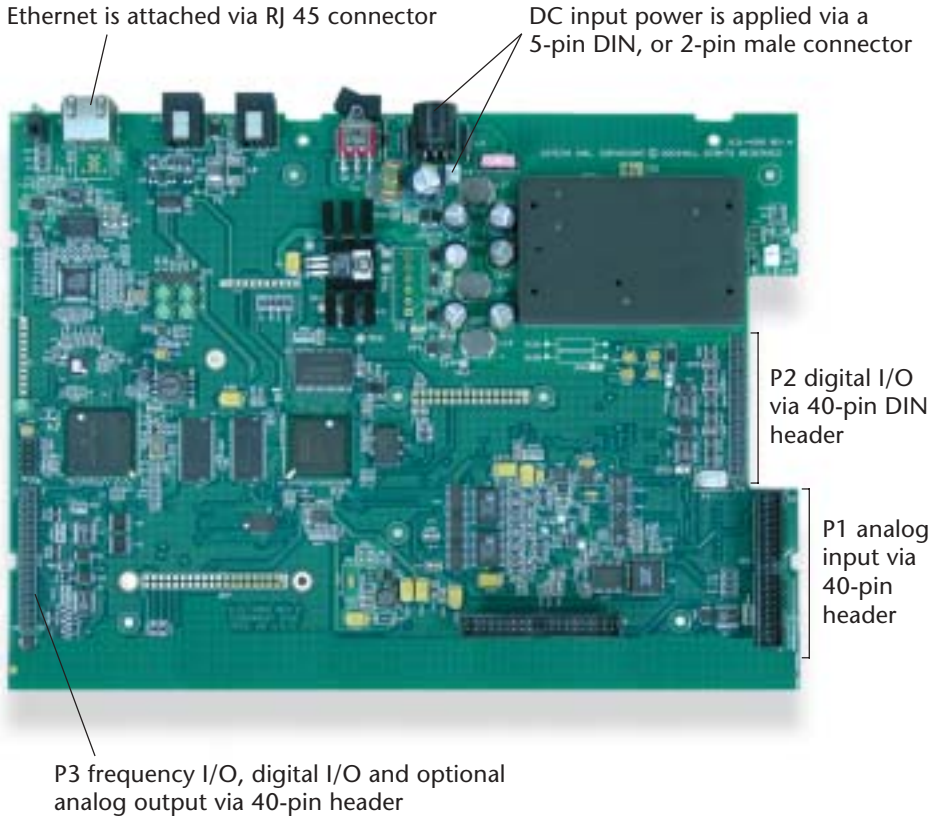
DaqOEM™ Series

Board-Level Ethernet-Based Data Acquisition for OEM & Embedded Applications

The DaqOEM™ series are single-board solutions for Ethernet-based embedded and OEM applications requiring analog, digital and frequency I/O. All of the features of our popular DaqBook/2000® Series are available in the DaqOEM board-level solution. Single-quantity DaqOEM boards are available for evaluation—quantity pricing is offered for volume applications.

The DaqOEM is powered by a user-supplied +10 to +30 VDC input at 15W, via a standard 5-pin DIN pconnector. An optional AC/DC converter (TR-40U) provides power from a 110 to 250 VAC source. All signal I/O is accessed via three 40-pin dual in-line connectors on the board (P1, P2 and P3 connectors described in the DaqBook/2000 Series). Optional cables are available for converting the 40 position header to a male DB37 connector (CA-248).



Software

The DaqOEM series includes support for Visual Basic®, C/C++, ActiveX/COM, LabVIEW®, MATLAB®, and DASYLab®.

Specifications

See DaqBook/2001 and DaqBook/2005 specifications for complete information
Dimensions: 27.5 cm W x 20.5 cm D
System Connectors: P1, P2, P3 are 2 x 20 pin headers on 0.100 inch centers, 0.025" square posts
Power Connector: 5-pin DIN, or 2-pin male
Ethernet Connector: RJ-45
Sync Connector: RJ-11, 6 pin

Ordering Information

Contact the factory for OEM quantity pricing. DBK signal conditioning and expansion options are also available as board-level OEM solutions.

Analog input, digital I/O, frequency I/O board	DaqOEM/2005
Same as above, except with 4 channels of analog output	DaqOEM/2001
110 to 250 VAC input adapter	TR-40U

Cables

Sync cable, 1 ft.	CA-74-1
5-pin DIN to automobile cigarette lighter power cable, 8 ft.	CA-116
Shielded Ethernet patch cable, 18 in.	CA-242
Shielded Ethernet patch cable, 7 ft.	CA-242-7
Cable, ribbon, 40 pin header to 37 pin DSUB, 9 in.	CA-248

DaqOEM Diagram