

Ethernet Device

- Standard Ethernet connection to your computer
- 16 isolated DAQP analog inputs
- 16 bit, 500 kS/s aggregate
- EPAD expansion
- 5 isolated counter inputs, 16 DI TTL



DEWE-50-NET-16	
Slots for DAQ or PAD modules	16
External quasi-static channel expansion	EPAD interface, up to 16 EPAD2 modules = 128 ch
A/D conversion	
Resolution	16 bit
Sampling rate	500 kS/s aggregate 31.25 kS/s/ch @ 16 AI 29.41 kS/s/ch @ 16AI + DI 26.31 kS/s/ch @ 16AI + DI + 1 counter 18.51 kS/s/ch @ 16 AI + DI + 5 counters
Counter and digital inputs	
Counters / digital inputs	5 isolated counters / 16 TTL level DI
Power supply	
Power supply (max.)	85 to 264 V _{AC}
Main system	
Host PC interface	100 Mbit Ethernet
Supported operating systems	Microsoft® Windows® 7, Windows® 8
Dimensions (W x D x H)	435 x 245 x 133 mm (17.1 x 9.6 x 5.2 in.)
Weight	Typ. 5.5 kg (12 lbs)
Environmental specifications	
Operating temperature	0 to +50 °C
Storage temperature	-20 to +70 °C
Humidity	10 to 80 % non cond., 5 to 95 % rel. humidity
Vibration	EN 60068-2-6, EN 60721-3-2 class 2M2
Shock	EN 60068-2-27

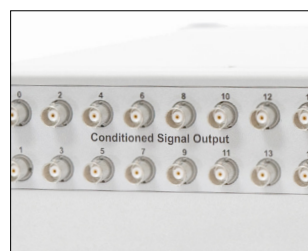
The DEWE-50-NET-16 is prepared for installation of up to 16 high performance DAQP signal conditioning modules. It offers maximum flexibility as DAQP modules can be added or exchanged at any time by the user. 5 isolated counter inputs, and up to 16 digital inputs extend the measurement functionality. Only software and DAQP series modules are needed to complete this system.



Carrying handle



Ethernet interface



16 BNCs on the rear for (optional) conditioned signal output



19" rack mount kit

System Options

	DEWE-50-NET-16
50-HANDLE Carrying handle for DEWE-50 series	✓
50-16-OUT-5 16 BNC connectors on back panel, ±5 V output of DAQx modules	✓
50-16-OUT-10 16 BNC connectors on back panel, ±10 V output of DAQx modules	✓
50-16-MK 19" rack-mount-kit, 3 U	✓

Digital and counter inputs

5 isolated counter / encoder inputs and up to 16 digital inputs (TTL level) are provided.

The isolated counter / encoder input can handle TTL voltage input, and voltages up to 30 V.

Following modes are supported by the isolated counter inputs:

- Simple counting
- UP DOWN-Counting
- UP DOWN-Counting of an quadrature encoder Mode X1/X2 encoder (no Zero)
- Frequency measurement (Resolution 10 Hz, 5 Hz, 2 Hz, 1 Hz)



Conditioned signal output (option)

5 isolated counter inputs

16 digital inputs