



DEWETRON

DEWE-50-TRIONet-16

FRONT-END FOR TRION™ AND DAQP OR HSI SERIES MODULES

- > Distributable data acquisition front-end
- > 1 slot for user exchangeable TRION™ series module
- > 16 slots for DAQP/HSI series modules
- > USB 3.0 or Gigabit ethernet connection to notebook or desktop
- > Touchscreen on front panel



SPECIFICATIONS

	DEWE-50-TRIONet-16
Slots for TRION™ modules ¹⁾	1
Slots for DAQP/HSI modules	16
Resolution / Sample rate	
DEWE-50-TRIONet-16-20KS	16 bit / 20 kS per channel
DEWE-50-TRIONet-16-200KS	18 bit / 200 kS per channel
Quasi-static channel expansion	CAN interface (for CPAD); RS-485 (for EPAD)
LAN	2 x 1000BASE-TX Gigabit Ethernet
LAN configuration	DHCP or Static IP
USB	USB 2.0; USB 3.0
Synchronization	TRION-SYNC-Bus up to 100 m between nodes
Display	Status display with touch-screen
Optional parallel outputs $\pm 5\text{ V}$ / $\pm 10\text{ V}$ ²⁾	16 x BNC sockets on rear panel
Host system requirements	
Supported operating systems	Windows 7; Windows 10; 64-bit
Supported interfaces	USB 3.0; USB 2.0; 1000BASE-TX Gigabit Ethernet
Power requirements	
Power supply (max.)	100 to 240 V _{AC} (90 to 264 V _{AC})
Power consumption	Without modules 30 W, totally equipped max. 100 W
Dimensions	
Dimensions (W x D x H)	464 x 190 x 306 mm (18.26 x 7.48 x 12.04 in.)
Weight	Typ. 9 kg (19.84 lbs) without modules
Environmental specifications	
Operating temperature	0 °C to +40 °C (down to -20 °C with prewarmed unit)
Storage temperature	-20 °C to +70 °C
Humidity	10 to 80 % non cond., 5 to 95 % rel. humidity
Max. altitude	2000 m (6561 ft)
Sine vibration (EN 60068-2-6)	20 m/s ²
Shock (EN 60028-2-27)	15 g
Random vibration (EN 60721-3-2)	Class 2M2

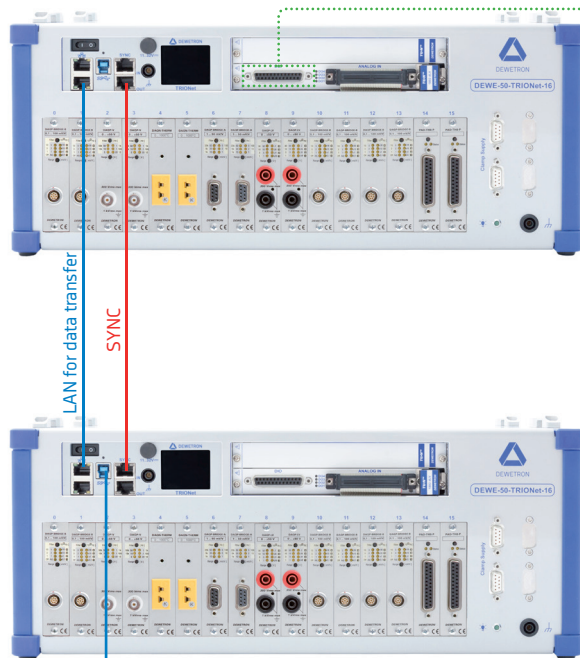
¹⁾ not supported modules: TRION-FLEXRAY; TRION-A429; TRION-M1553; TRION-MA4; TRION-1628-A02

²⁾ Parallel outputs are either $\pm 5\text{ V}$ or $\pm 10\text{ V}$.



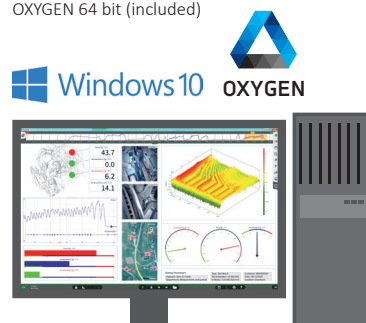
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DISTRIBUTED SYSTEMS



- CNT** — 2 x synchronous advanced TTL counter / encoder inputs
- CAN** — 1 x CAN bus interface
- DIG. IN** — 8 x digital TTL inputs
- DIG. OUT** — 4 x digital outputs

Microsoft® Windows® 7 (64 bit)
Microsoft® Windows® 10 (64 bit)
OXYGEN 64 bit (included)



LAN or USB (2 m cable included)

OPTIONAL PARALLEL OUTPUTS (CONDITIONED SIGNAL OUTPUT) & RS-485 INTERFACE

