

Dash 8XeR Specifications

Color Display	
Type	Active matrix color LCD (TFT)
Viewing Area	15.0 inch (38.1 cm) (diagonal)
Resolution	1024 x 768
Touch	Full screen, resistive
Interface	
Ethernet	10/100/1000BaseT
VGA	For displaying data on external monitor
Link Ports	For synchronizing data captures on up to eight systems
USB 2.0	For external peripherals and file export
Removable media	Removable cartridges for all non-volatile media
DVD	Supports archive of data to CD-R, CD-RW, DVD-R, DVD+R & DVD+RW
Signal Modules	
Maximum Modules	8
Maximum Waveforms	8
User Engineering Units	yes
Calibration	Semi-automated to external reference
Event Inputs	
Number of Inputs	8
Connector	9-pin D-shell
Input Type	TTL with pull-up (0 to 5 VDC)
Response	Detects if duration is greater than 0.005 msec

Data Acquisition	
Recording Method	Internal 73 GByte disk drive
Maximum Sample Rate	200,000 samples/second each channel (all channels)
Minimum Sample Rate	1 sample/minute
Dual Sample Rate	yes
Total Capacity	Over 18 billion samples
Maximum Record	2 billion sample periods
Time Stamp	Time and date automatically saved with data
Header	Information on units, range, sample rates, etc saved with data
Events	All standard event inputs captured with waveforms
Trigger Point Location	Amount of pre and post trigger is user adjustable
Auto Re-Arm	Allows automatic stacking of captures
Auto Playback	yes
External Sample Rate	External TTL sample clock to 200 kHz
Power	
Input Voltage Range	100 to 250 VAC
Frequency Range	47 Hz to 63 Hz
Power Factor	0.99
Power Consumption	150 W maximum (110 W typical)
External DC Input	Regulated 24 V for use with optional module
Compliance	
Safety	EN 61010-1:2001, UL 61010A-1, CSA C22.2 No. 1010.1-92
EMC	FCC Class A, EN 61326

Power Harmonics	IEC1000-3-2
Physical	
Dimensions	14"H x 19"W x 19.13"D
Weight	19 lbs (with no modules) / 22 lbs with 8 NDV1 modules
Module Size	1.25" W x 3" H x 4.5" D
Environmental	
Operating Temp	5 to 40°C (40 to 105°F)
Operating Humidity	10% to 90% non condensing
Optional Chart Recorder Model SCR-8XeR	
Dimensions	7"H x 19"W x 14.13"D
Print Width	8.5"
Chart Speed	1 mm/min to 50 mm/sec
Resolution	300 dpi x 300 dpi
Weight	9 lbs without paper / 11 lbs with paper
Input Voltage Range	102 to 264 VAC
Frequency Range	47 Hz to 63 Hz
Power Factor	0.99
Power Consumption	130 W maximum

Specifications are subject to change. Registered trademarks belong to their respective companies.