

**Dash 32HF-HS and Dash 32HF Specifications**

| <b>General</b>                 |  |
|--------------------------------|--|
| Maximum Analog Waveforms       | 32   |
| Event Inputs                   | 8 (TTL)  |
| A/D Resolution                 | 16 bit (separate A/D per channel)                                |
| A/D Sample Rate                | 500 kHz per channel  |
| Frequency Response (Bandwidth) | 100 kHz per channel  |
| Anti-Aliasing Filter           | 4 pole Bessel  |
| Pre-capture filters            | Low pass, high pass, band pass, band stop, RMS                   |
| Post-capture filters           | Low pass, high pass, band pass, band stop                        |
| User Engineering Units         | Yes  |
| Calibration                    | Semi-automated to external reference                             |
| <b>Recording</b>               |  |
| Operational Modes              | Scope, Review, Real-time (strip-chart)                           |
| Recording Method               | Internal 250 GByte disk drive, optionally removable (HS Version) |
| Maximum Sample Rate            | 500,000 samples/second per channel (500 kHz)                     |
| Minimum Sample Rate            | 100 samples/second per channel (100 Hz)                          |
| Data Stored                    | Raw (unfiltered) data saved to the drive                         |
| Time Stamp                     | Time and Date automatically saved with data                      |
| Events                         | Stored with data   |
| Trigger Point                  | Amount of pre and post trigger is user adjustable (0-100%)       |
| Auto Re-Arm                    | Automatic stacking of captures                                   |
| <b>Color Display</b>           |  |

|                      |  |
|----------------------|--|
| Type                 | Active matrix color LCD (TFT)                                  |
| Viewing Area         | 15.0 inch (diagonal)   |
| Resolution           | 1024 x 768   |
| Touch                | Full screen, resistive   |
| <b>Interface</b>     |  |
| Ethernet             | 10/100/1000BaseT   |
| DVD                  | Supports archive of data to CD-R, CD-RW, DVD-R, DVD+R & DVD+RW |
| VGA                  | For displaying data on an external monitor                     |
| USB 2.0              | For external peripherals and file export                       |
| Link Ports           | For synchronizing data captures on up to eight systems         |
| <b>Power</b>         |  |
| Input Voltage Range  | 102 to 264 VAC   |
| Frequency Range      | 47 Hz to 63 Hz   |
| Power Consumption    | 150W maximum   |
| <b>Physical</b>      |  |
| Enclosure            | Aluminum, with armored end caps                                |
| Dimensions           | 12.125" H x 16.0" W x 6.628" D (not including handle)          |
| Weight               | 22.5 lbs   |
| <b>Environmental</b> |  |
| Operating Temp       | 5 to 40°C (40 to 105°F)  |
| Operating Humidity   | 10% to 90% non condensing                                      |
| <b>Compliance</b>    |  |
| Safety               | EN 61010-1:2001, UL 61010A-1, CSA C22.2 No. 1010.1-92          |

|                 |   |
|-----------------|---|
| EMC             | FCC Part 15, Subpart B, Class A, EN 61326 |
| Power Harmonics | IEC1000-3-2                               |

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