

## NTI e-dclm-6 DC Line Monitor

The NTI ENVIROMUX-DCLM-6 DC Voltage and Current Monitor monitors up to six DC voltage sources and current levels when connected to an ENVIROMUX-16D, ENVIROMUX-5D or ENVIROMUX-2D Server Environment Monitoring System(SYSTEM). The ENVIROMUX-DCLM-6 will measure DC voltage between -60 to +60VDC. Current measurements can be taken on DC loads and with the use of hall effect sensors (sold separately). When connected to a SYSTEM via 18-24AWG CAT5/5e/6 cable (up to 1,000 feet away), the voltage and/or current draw(s) can be monitored and the SYSTEM can be configured to alert users as to variations in the voltage and current levels

### Features:

The DC Line Monitor measures DC voltage and reports DC current measured with attached Hall-Effect transducers (sold separately) to the E-2D/5D/16D unit.

- Reports DC voltage and DC current.
  - Current measurements require Hall-Effect transducers (sold separately).
  - Polling rate: 1Sa/s.
- Six 2-pin terminal blocks for measuring DC voltage
  - Non-isolated -60 to +60V DC
  - 0.12VDC resolution
  - 1.2VDC accuracy
- Six non-rectifying Hall Effect 4-pin transducer interfaces for measuring DC current
  - 0.2% resolution
  - Accuracy and range are transducer-dependent (sold separately).
- Supports CAT5/5e/6 cable up to 1,000 ft (305 m) (18-24 AWG).
- Current consumption: 190mA @ 12VDC.
- Powered by E-2D/5D/16D.
  - The E-DCLM-6 may require more power than the RJ45 sensor ports can supply on the E-2D/15D/16D.
    - Refer to page 2 of the manual to determine if the optional PWR-SPLY-12V1A power supply is necessary for your configuration.
- Dimensions WxDxH (in): 6.82x3x1.71" (173x76x43 mm).
- Regulatory approvals: CE, RoHS.
- Compatible with E-FSC Fiber Converter/Extender.
  - Use to extend sensor up to 1.2 miles (2km) from the ENVIROMUX unit.