RJ45 RS485 Sensor Port Hub

- Adds eight RJ45 RS485 sensors to the E-2D, E-5D, or E-16D.
  - Each E-16D supports up to three E-RJ8-RS485 – allowing for a total of 37 RJ45 RS485 sensors to be connected to the E-16D.
  - Each E-5D supports up to two E-RJ8-RS485 – allowing for a total of 19 RJ45 RS485 sensors to be connected to the E-5D.
  - Each E-2D supports one E-RJ8-RS485 – allowing for a total of 9 RJ45 RS485 sensors to be connected to the E-2D.
  - When cascading E-xD units together, only the master unit supports E-RJ8-RS485.
- Powered by 12VDC 2.5A external power supply (included).
- Compatible with E-2D/5D/16D.
  - Interfaces with the E-2D/5D/16D via RJ45 sensor port.
  - Note: Sensors connected to the E-RJ8-RS485 are not visible using E-MNG management software, but are visible using E-MNG-SH management software.
- Supports CAT5/5e/6 cable up to 1000 feet (305 m) between the E-2D/5D/16D and hub.
  - Sensor cable lengths connected to the hub are as specified per sensor.
- Available options: desktop unit with wall mounting brackets, DIN mount unit, 1RU rackmount unit.
- Dimensions WxDxH: 6.82x3x1.72 in (173x76x44 mm)
- Regulatory approvals: CE, RoHS
- Operating temperature: 32 to 158°F (0 to 70°C)
- Storage temperature: -4 to 158°F (0 to 70°C)
- Compatible with E-FSC Fiber Converter/Extender.
  - Use to extend sensor up to 1.2 miles (2 km) from the ENVIROMUX unit.

E-RJ8-RS485

RJ45 RS485 Sensor Port Hub for E-xD

NTI Part #	Description
E-RJ8-RS485	8-port RJ45 RS485 Sensor Expander
E-RJ8-RS485-D	8-port RJ45 RS485 Sensor Expander, Din Mount
E-RJ8-RS485-R	8-port RJ45 RS485 Sensor Expander, 1RU Rackmount

Compatible RJ45 RS485 Sensors

NTI Part #	Description
E-ACDCLM	AC & DC Voltage & Current Monitor
E-ACLM-3P480	3-Phase AC Power Monitor
E-ACLM-P-xx-V2	AC Power Monitors with Relay
E-ACLM-V-V2	AC Dual Voltage Monitor
E-ALDS	Addressable Leak Detection Sensor
E-AV-LC-7	Low-Cost Air Velocity Sensor
E-CO2-THS	Carbon Dioxide (CO2)/Temperature/Humidity/Dew Point Sensor
E-DCLM-6	DC Line Monitor
E-DI16DO16	Digital Input/Output Expander (Open-Collector Outputs)
E-DI16DOR16-V2	Digital Input/Output Expander (Normally-Open Relay Contact Outputs)
E-DUST	Optical Dust Sensor
E-LIS	Light Intensity Sensor
E-NLS	Noise Level Sensor
E-PLSD	Programmable LED Sensor Display
E-S420MA-24V	4-20mA Sensor Converter
E-S5VDC	5VDC Sensor Converter
E-S60VDC	DC Voltage Monitor
E-STHSB	Temperature/Humidity/Dew Point Sensor
E-STHS-LCDW	Temperature/Humidity Sensor with 3-Digit 7-Segment LCD Display
E-STHS-LSH	Fan-Aspirated Temp/Humidity/Dew Point Sensor, Low Self-Heating
E-STHS-PRC	Low-Cost Precision Temperature/Humidity Sensor
E-STHSM-E7	Probe-Style Temperature/Humidity/Dew Point Sensor
E-STS	Temperature Sensor
E-STS-O	IP65 Outdoor Temperature Sensor
E-STSM-E7	Probe-Style Temperature Sensor
E-STSP-7	Pipe Temperature Sensor
E-STSP-SL-7	Strap-On Pipe Temperature Sensor, Spring-Loaded

NOTE: Any additional RS485 sensors that become available from NTI will also be compatible unless otherwise indicated.