DSX-LAN-D
LAN Comm Module

Overview

The DSX-LAN module is used to provide Local or Wide Area Network Communications between the Comm Server PC and Master Controller. The DSX software is inherently TCP/IP capable and can direct communications to a specific IP address and UDP port. The DSX-LAN module receives that communication and sends it directly to the Master Controller via RS-232/485.

The DSX-LAN can also be used with a Sub Controller or a cluster of Sub Controllers with the use of the DSX-IP-HUB at the Master Controller. The IP-HUB is an appliance that routes Sub Panel Communication to LAN modules installed at Sub Controllers.

The DSX-LAN module security provides an Admin and User Password of 6-19 characters with user definable complexity. The User password can change the network settings and the Admin password can change network and security settings. The Security Log feature allows for an optional IP Address and Port to be defined (not the Comm Server). Once defined, the module will send all Login attempts and notification of changes made to that Log address. The module can also send a supervisory heartbeat message to this same address at a user definable frequency.

Power

The DSX-LAN is powered from the Controller or 1040 CDM. The module can be powered from 5-12VDC requiring a mere 350ma. Powering the module from the DSX Controller provides a good stable battery backed up source. 5Volt output is preferred.

Mounting

The DSX-LAN is designed to fit in the same Equipment Cabinet as the DSX-1048 and DSX-1022 Controllers. It can mount on the inside or rest in the bottom of the enclosure. It has three mounting holes and removable terminal blocks for ease of installation.

- Web Interface for configuration
- Admin and User Complex Passwords
- Transmitted Security Log / VLAN capable

- RS-232-485 Outputs w Diag LEDs
- UDP Protocol definable socket
- Powered from DSX Controller

Size
4.75"H x 2.8"W x 1.5"D

Power Requirements
5-12 VDC @ 350ma   5V preferred.

Weight
7.5 oz.

Warranty
Limited 2 Years