



DSX Access Systems, Inc.

DSX-LAN Communications Module



- ❖ Web Interface
- ❖ Admin and User Passwords
- ❖ Complex Passwords
- ❖ Powered by Controller or CDM
- ❖ IP and Serial Setup Utilities
- ❖ Transmitted Security Log
- ❖ DHCP / Static Communications
- ❖ AutoSensing 10/100 Auto Duplexing
- ❖ RS-232/485 Panel Communications
- ❖ UDP Protocol with definable Socket

DSX-LAN Module Overview

Master Communications

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

Slave Communications

The DSX-LAN can also be used at a Slave Controller or a Cluster of Slave Controllers with the use of the DSX PC Master Software. PC Master is an application that routes Panel Communication to various IP Addresses and/or Comm Ports. PC Master is positioned between the Comm Server PC and the field controllers.

Specifications

Power

The DSX-LAN is powered from a DSX Intelligent Controller 5V or 12V fused outputs. It can also be powered from the DSX-1040 CDM 5V or 12V outputs.

Mounting

The DSX-LAN(M) 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.

Communications

The DSX-LAN module is configurable for static or dynamic communications (1 or 2 Comm Servers) and is auto-sensing 10/100 and auto - duplexing. LAN communications is UDP only and only over the ports specified in the range of 4000 to 5000.

Size

DSX-LAN(M) 2.7" W x 3.7" H x 1.5" D

Weight

DSX-LAN 6.9 oz.

Temperature/Humidity

Operating 0 to 70 C

Power Requirements

DC Input Voltage 5-14VDC @ 350ma

Warranty

Limited 2 Years