



DSX Access Systems, Inc.

DSX-IP-HUB - prelim

DSX-IP-HUB Communications Interface

The DSX-IP-HUB is a module that connects to the Master Controller and to the Network and allows Slave Controller Communication to be routed via IP through the network to standard DSX LAN modules connected to Slave Controllers or clusters of Slave Controllers.

The DSX-IP-HUB allows all Controller Communication to be IP via the LAN without the use of PC Master Software. In fact the IP-HUB can be used in some cases to replace PC Master software by adding or reconfiguring an existing panel to be a Master Controller and attaching a DSX-IP-HUB to it. The Slave Controllers use standard DSX-LAN modules would only require minor reprogramming to allow communication with the new Master Controller through the IP-HUB.



- ❖ Web Interface
- ❖ Admin and User Passwords
- ❖ User Defined Password Complexity
- ❖ Powered from 5VDC via DSX Controller or 1040-CDM
- ❖ Used with a Master Controller takes the place of PC Master
- ❖ Transmitted Security Log with supervising HeartBeat
- ❖ VLAN capable
- ❖ RS-232/485 Panel Communications
- ❖ AutoSensing 10/100 Gigabit Switch Compatible
- ❖ UDP Protocol with definable Sockets

Specifications

Power

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

Mounting

The DSX-IP-HUB 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-IP-HUB module routes UDP controller traffic to specified IP Addresses. User selectable ports in the range of 4000 to 5000.

The Module will auto negotiate a 100MB connection when connected to a gigabit switch.

Size

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

Weight

DSX-LAN 6.9 oz.

Temperature/Humidity

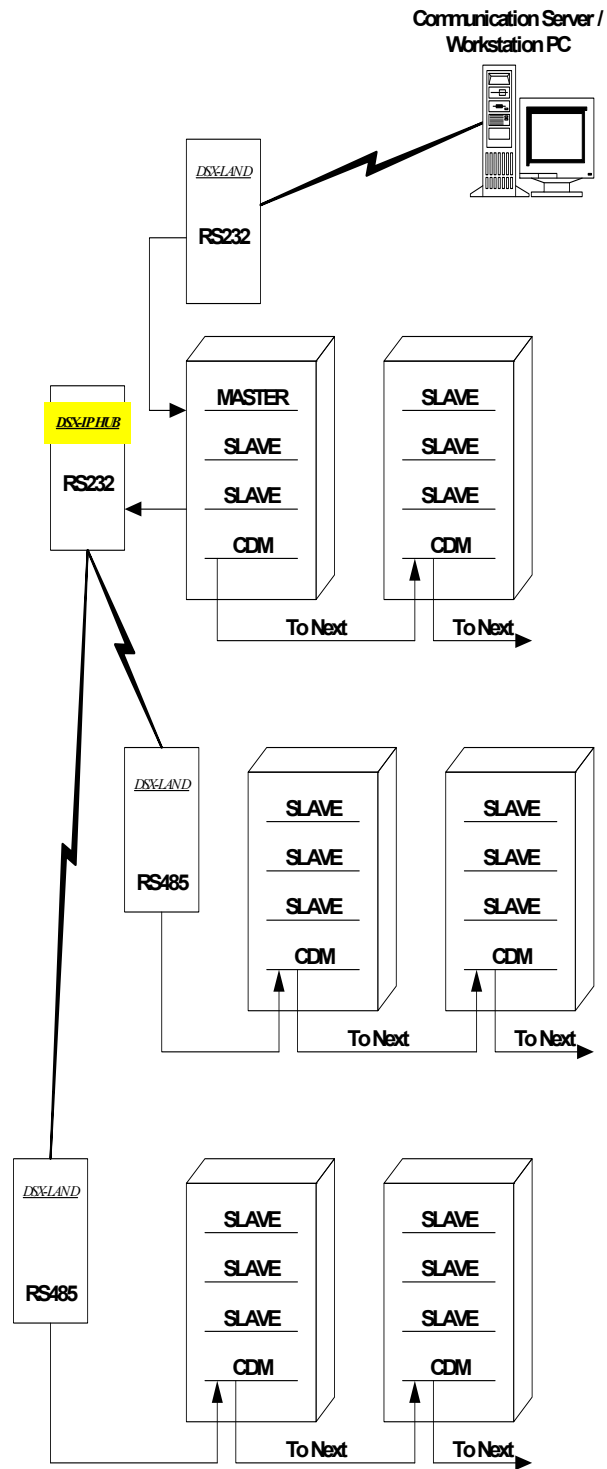
Operating 0 to 70 C

Power Requirements

DC Input Voltage 5-14VDC @ 350ma

Warranty

Limited 2 Years



Example of Routing Table below in IP-HUB that allows the application drawing to the right to be possible. It shows some devices to be hardwired and then two standard LAN modules each connected to clusters of slave controllers.

Communication Settings		Device Address Table	Security Settings
Select	IP Address	Devices	
<input type="checkbox"/>	182.26.17.193	12,14,16,18,20,22	
<input type="checkbox"/>	182.26.17.194	24,26,28,30,32,34	
<input type="checkbox"/>	IPv4, IPv6 or DNS lookup	xx,xx	

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