DigiSpec

For Outdoor and Indoor Applications

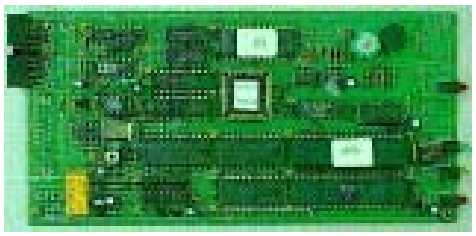
DS-16

Digital Video Motion Detector
16 Channel 19” 3U Rack Chassis

The DS-16 chassis holds up to 16 DS1-SPL Digital Video Motion Detector Cards. Each card contains all the standard features of the DS1-PL stand alone model. The modular design and standard 19” 4U height allows easy expansion for large systems. Each channel is independently addressable for a total of 128 channels to be controlled from one RS-232 port or the optional TCP/IP DS LAN module.

Standard Features

DS1-SPL Card



16 Expansion Bays: can hold 1-16 modules
Video Input: BNC 1 V P-P 75 ohm terminated
Video Output: BNC 1 V P-P 75 ohm term., 2V P-P unterm.
1 Alarm Input per channel: Hi-Z 100K 5VDC Max.
1 Alarm Output per channel: Relay Form C NO / NC with common (1A Max. at 30VDC)
1 Alarm Output Global: Relay Form C NO / NC with common (1A Max. at 30VDC)
Common Day / Night external input control: Hi-Z 100K 5VDC Max.
Pushbutton Keypad for local programming
RS-232 Input for programming or functional control
100-240VAC Voltage Free Internal Power Supply
DB-25 Breakout PCBs supplied for easy wiring
Tempereture: 32-120F / 0-50C
Size: 19” x 7” x 10.5” (3U High) / 48(W)x13(H)x25cm(D)
Weight: 19 lbs/8.6 Kg Gross Weight 22.5 lbs/10.2kg
Construction; Computer Beige Metal Case
Warranty: 2 Years

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Rev. 07/08/2010

DSVMD

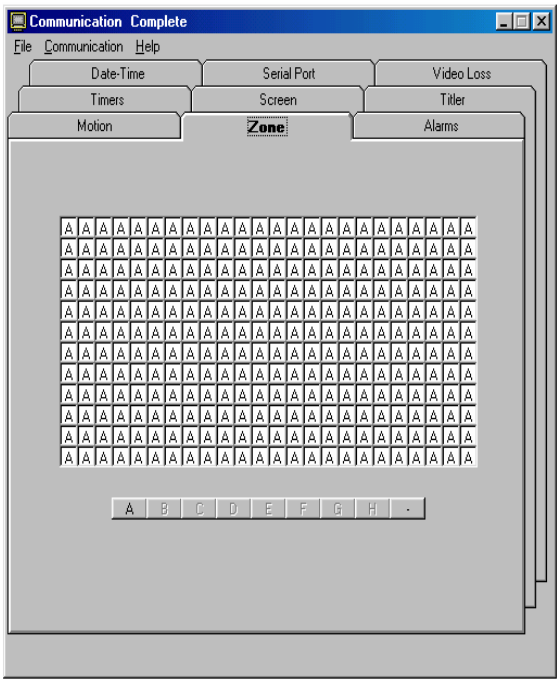
Software for Programming and Controlling the DS1-PL and DS-16

RS-232 Serial Programming
TCP/IP UDP Ehternet LAN Adapter Programming
IP Address Serial Programming

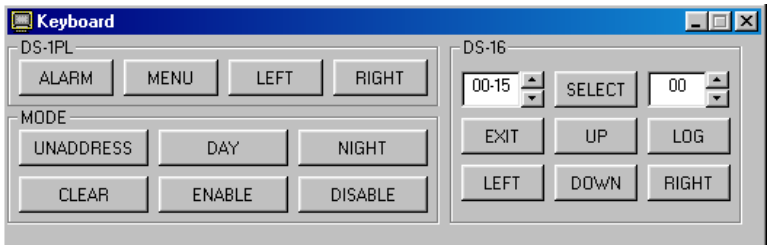
Introduction

The DSVMD Software is a powerful PC Windows based application that allows users to program all the configuration settings of the DS1-PL or DS-16 on a PC. Many additional features can then be realized like Uploading and Downloading configurations saved on the PC. Interactive windows allow remote operators to view Alarm Status and Output Data on the PC screen along with the ability to remote the front panel keyboard of the VMDs for instant function changes.

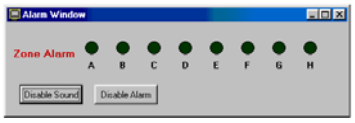
The DSVMD operates either with direct RS-232 connection or via the TCP/IP DS Ethernet LAN adapter communicating in the UDP format. The TCP/IP DS adapter opens a whole new relm of operation of the DS1-Pl which allows devices to be placed through out the facility with programming and reporting done via the Ethernet LAN. No longer is it necessary to interactively view the video monitor or connect hard alarms, all data is delivered directly to your PC Desktop.



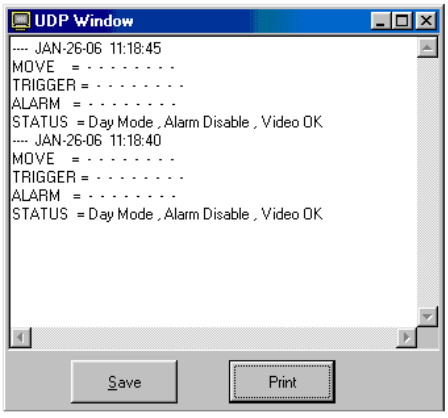
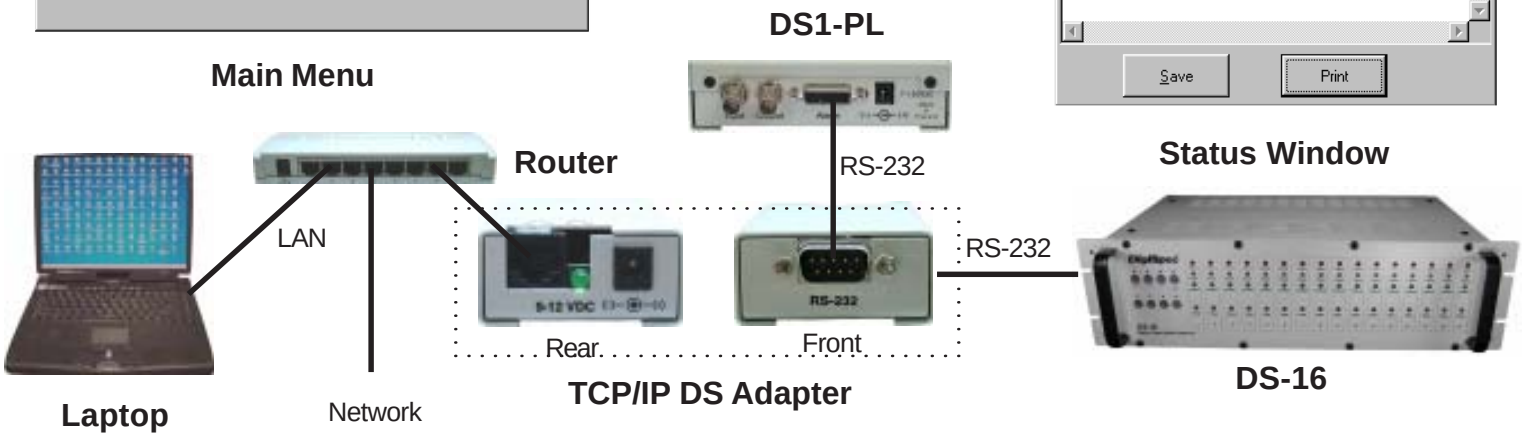
Main Menu



Remote Keyboard



Alarm Window



Status Window