

General

The VMS4 is a four video monitoring system. The two rack-unit package offers four high resolution (600x234 pixel) composite video monitors, an internal power supply and connects direct to AC mains, no “wall warts”.

The VMS4 is factory configured to accept NTSC composite signals. It may be optionally configured to accept PAS composite signals. The unit requires an AC power sources from 90 to 230 Volts, 60 or 50 Hz. A fused IEC disconnect and power cord is supplied.

Quad serial video inputs may be added as an option.

Setup and Installation

DB9 Pin Configuration

BB9-1	Video Off
DB9-2	No Connection
DB9-3	RS485+
DB9-4	Video Auto Off Mode, bit 1
DB9-5	Video Auto Off Mode, bit 2
DB9-6	Ground
DB9-7	No Connection
DB9-8	RS485-
DB9-9	Ground

Auto Off Mode

bit 1	bit 2	
OPEN	OPEN	Disabled
OPEN	CLOSED	10 Minutes
CLOSED	OPEN	60 Minutes
CLOSED	CLOSED	180 Minutes

* Closed means have a pin connected to ground, open means leave pin unconnected.

The video screens in the VMS4 have a typical lifetime of 15,000 hours. The VMS4 is equipped with 2 automatic features and 1 manual feature designed to preserve the life of the screens.

1. Auto Sync Detect - All 4 video screens will be turned off after a preset time period. The video off pin on the rear panel DB-9 (pin1, pin6 is GND) acts as an on/off control, that is, a closure to ground turns all 4 screens off and overrides the Auto Off. The front panel push button will act as an alternate action on/off control will also override the Auto Off. Once the video returns the timers also reset.

3. Manual Off Mode - When Auto Off Mode is disabled, the video off pin on the rear panel DB-9 (pin1, pin6 GND) acts as an off control, that is, a closure to ground turns all 4 screens off. The front panel push button will act as an alternate action on/off control. The front panel push button overrides the rear panel control.

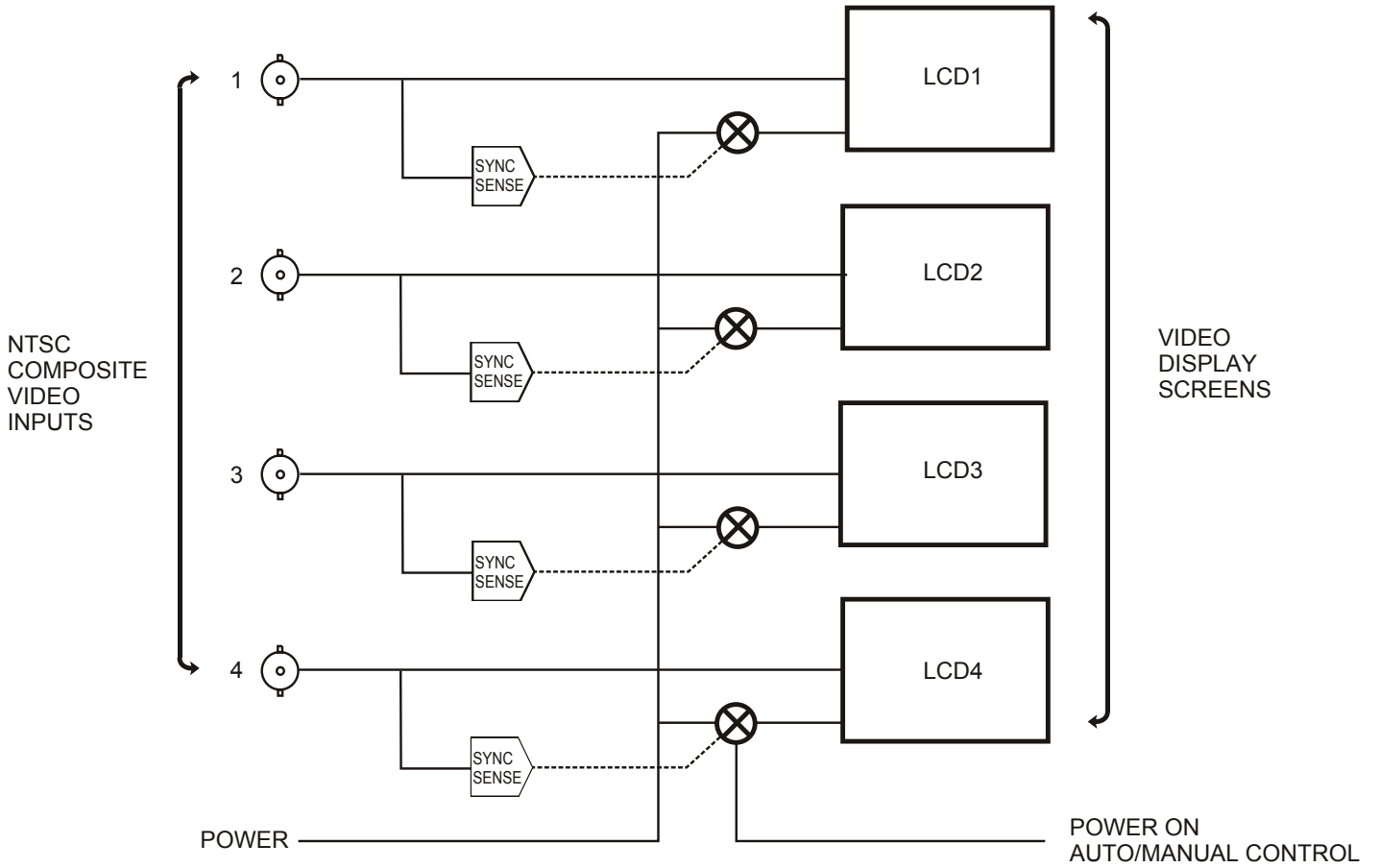
Product Specifications

Analog Input (NTSC)

Input Level	1 V p-p (nominal)
Input Impedance	.75 Ohm

General

Horizontal Viewing Angle	+/- 55 degrees
Tilting Angle	+/- 40 degrees
Telescoping Range	1.5 inches
Power Requirements	90-230 V/50-60 Hz
Dimensions	19" w x 5.2" h x 10.75" d (483mm x 132 mm x 273 mm)
Weight	8.03 lbs (3.65 kg)



Warranty

All Ward-Beck Systems Ltd. Products are warranted against defective materials and workmanship for a period of one year from the date of shipment

Ward-Beck Systems Ltd. Will repair or replace, as its opinion and without charge, all said products or parts thereof which upon factory inspection prove to be defective during the warranty period. Provided that:

1. The original serial numbers are intact and have not been tampered with
2. The purchaser shall return any equipment or parts thereof to Ward-Beck Systems Ltd. Only after obtaining prior authorization and shipping instructions from the factory. (Ward-Beck Systems Ltd. Reserves the right to inspect or repair the equipment on the purchaser's premises)
3. The purchaser assumes the obligations for all expenses in connection with the shipping and return of such goods, once authorization has been obtained

This warranty does not cover items normally considered expendable, such as fuses and lamps.

This warrant does not cover damages caused by misuse, accident, neglect, unauthorized alteration, repair by unauthorized personnel, or damages caused by act of God, war, or civil insurrection.

In no event shall Ward-Beck Systems Ltd. Be liable for consequential damages. Ward-Beck Systems Ltd shall have the rights to final determination as to the application of this warranty.

Ward-Beck Systems Ltd. Reserves the right, at any time and without notice, to make changes in its equipment, components, specifications or design, as may be warranted by progress in state-of-the-art technology.

Ward-Beck Systems Ltd. Reserves the right to make design changes, additions to, and improvements in its products, without obligation to install such revisions in products previously manufactured.

The warranty set forth herein is in lieu of all other warranties expressed or implied, including the warranties of merchantability and fitness.

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