



6"X 6" Simulation Display Dual Mode: Day/NVIS



NVIS Mode



Day Mode

P/N: 04B-0611-173

- Display Size: 6.2" x 6.2"
- Resolution: 768x768
- Active Area: 157.8mm X 157.8mm
- Brightness, Day: 30 fL to 0.1 fL (Contact factory for higher brightness upgrade)
- Brightness, NVIS 10 fL to 0.1 fL
- NVIS Mode: Meeting Mil-L-3009 Type 1, Class B for Multi-Color Displays
- Operating Temp: 0 to +60C
- Outline Dimensions: 177mmX177mmX31mm (Contact factory for more details)
- Replaceable front tempered cover glass
See back page for typical application

Insync Peripherals Corporation

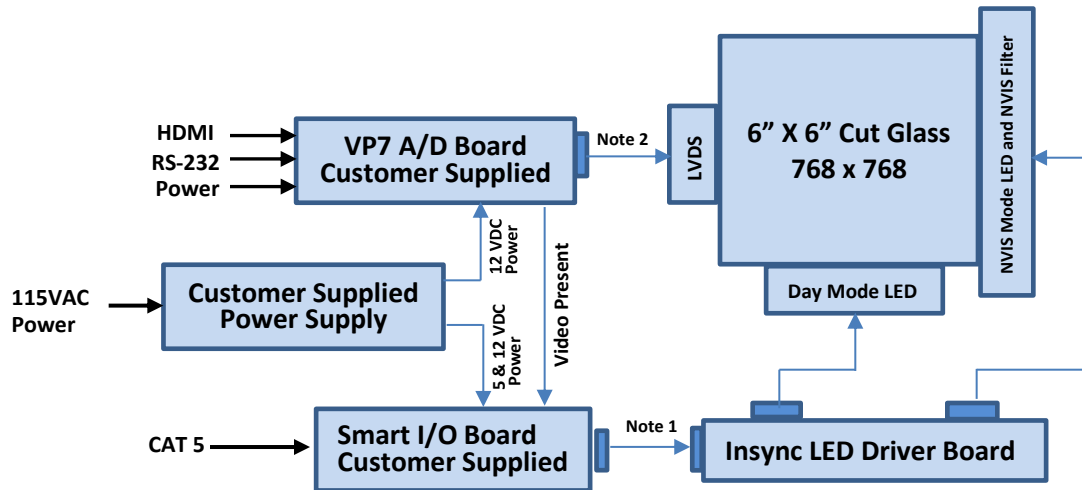
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6" x 6" Typical User Interface Block Diagram



Note 1 LED Driver Board: two signals go from Smart I/O board to Insync LED Driver board 10 pin connector:

Signal #1=PWM goes to LED driver board pin #8. See below for PWM characteristics.

Signal #2 Mode Select, it goes to LED driver board pin #7; 0=Day Mode; +5V=NVIS Mode.

10-pin mating connector P/N is Molex 87369-100, contact pin is Molex 050212800. Cable length= 15"; 28 AWG. (on the Smart I/O board end is flying leads)

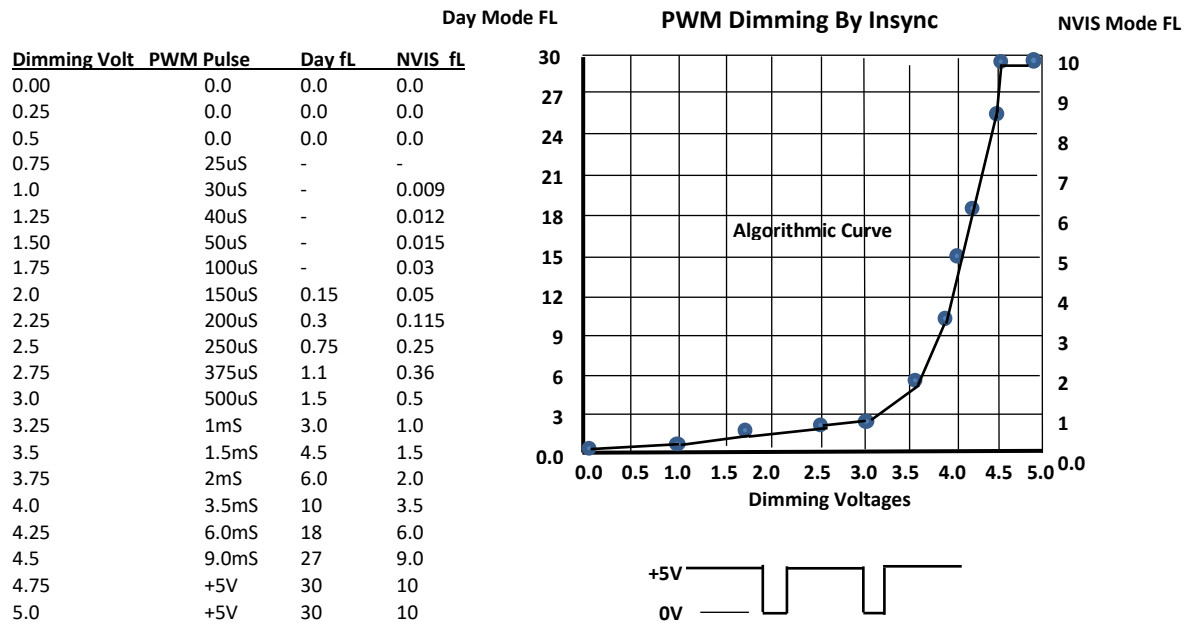
Note 2 LVDS cable: Panel connector P/N: SSTM,MSCK2407P30.D.

On VP7 mating connector is DF11-14DA-2C (Hirose) and contact pin is DF11-2428SC (Hirose), Cable length=15" 28 AWG

Note 3 LED backlight is ON when +5V and +12V are present and is independent of video signal.

Note 4 For VP7A/D board, contact Westar Display Technologies at 636-300-5103.

Note 5 For sales and all other information, contact Insync Peripherals Corporation at 949-588-2675 X201.



Notes

1. +5V= Min Brightness
2. 0V=Max Brightness
3. Dimming voltages may be represented by number of keypad touches, for example: 0.5V=two clicks; +5V=20 Clicks.