



User Guide
VF-071W-OF
7" OpenFrame VideoFlyer

Version 1

1 Introduction

The 7" VideoFlyer is a self-contained digital video viewing monitor for looping video display with a touchscreen (option) video. The unit comprises of a 7" colour TFT LCD panel with speaker built-in (Enclosed version). The video can be stored and played back from a plug-in and play CompactFlash Card.

IMPORTANT USAGE NOTE

This equipment is for use by developers and integrators, the manufacturer accepts no liability for damage or injury caused by the use of this product. It is the responsibility of the developer, integrators or other user of this product to:

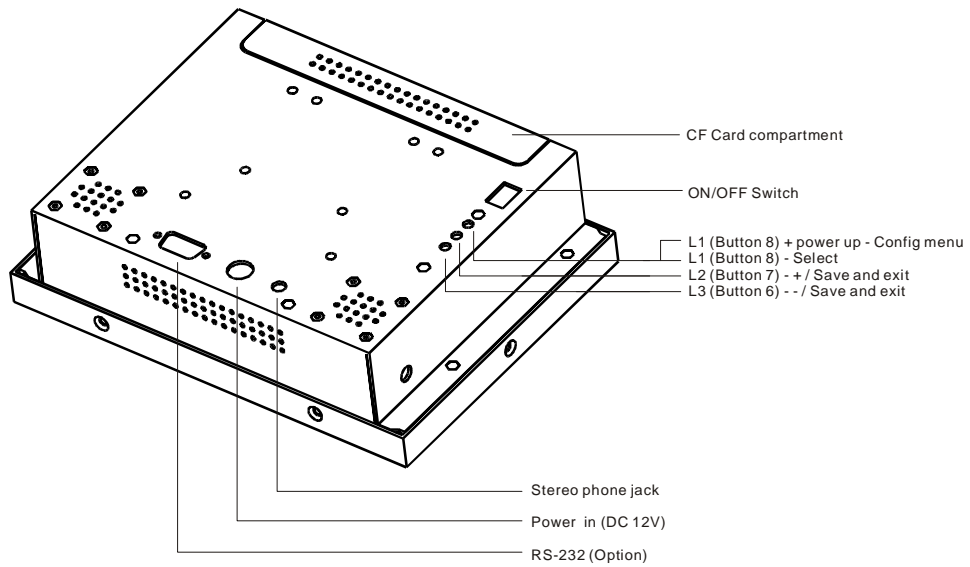
- Ensure that all necessary and appropriate safety measures are taken.
- Obtain suitable regulatory approvals as may be required.
- **Check power settings to all component parts before connection.**

DISCLAIMER

There is no implied or expressed warranty regarding this material.

2 System Designs

7" VideoFlyer (VF-071)



3 Touch Screen Operation

(only applicable in touch screen option)

1. Touchscreen touch segments

The VideoFlyer's button control can be performed via touch screen for panel sizes of 7" (Fig. 1)

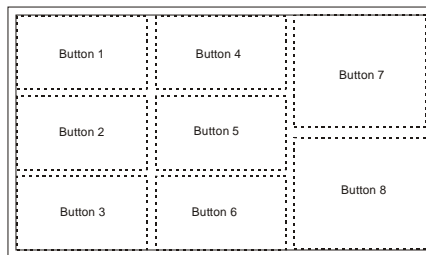


Fig.1 8-buttons for LCD screen sizes 7"

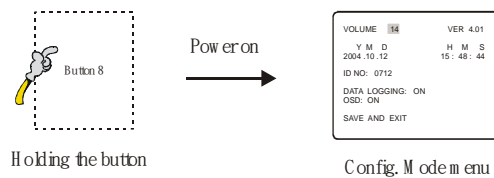
Button function settings

Each button function can be programmed with **the DV Studio** software to perform a VCD player mode function or specific track select function.

The DV Studio software is separately provided.

2. Config. Mode

To enter the Config. Mode, holding the button 8 and power up.



The volume setting can be adjusted when the config. mode is enabled.

- Press button 8 + power up : Config. mode enable.
- Press button 8 : Select
- Press button 7 : Increase / Save and Exit
- Press button 6 : Decrease / Save and Exit

4 Instructions

CAUTION: Never connect or disconnect parts of the system when the system is powered up as this may cause serious damage.

1) Setting Up

- Connect the provided external power supply unit.
- All the features described in the following points can be set by the DV Studio software. See DV Studio User Guide for more details.

2) Autoplay, Manual Play at power startup

- Insert CompactFlash Card containing the captured MPEG files.
- Turn on the VideoFlyer.
- Set power switch to ON position. The power LED lights up to confirm power is being supplied to system.
- The option of AutoPlay or manual play of tracks at powering up of unit is selected in the DV Studio software when writing the MPEG files on to CompactFlash Card.
- In Autoplay mode the first track of the Playlist set in DV Studio will automatically play after power up.
- In Manual Play mode after power up press any button and the first track of the Playlist set in DV Studio will play.

3) Operating modes

There are two operating modes in VideoFlyer – “playlist mode” and “simple play mode”

Playlist mode

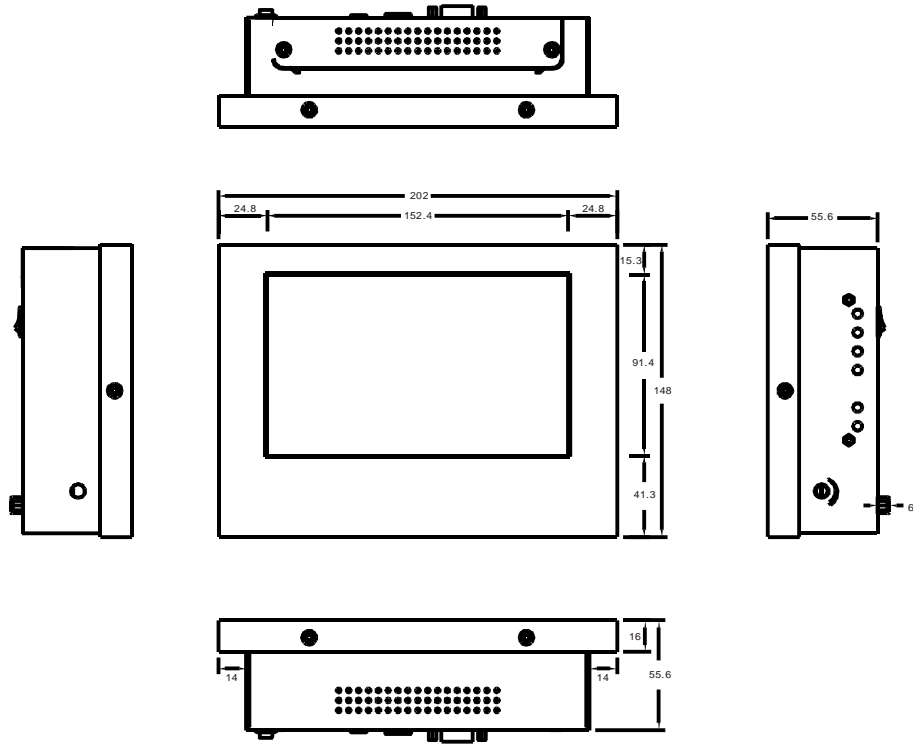
- When operating in playlist mode, both project file (*.prj) and playlist file (*.pll) must be present on the Compact Flash card. These are used to control the sequence for all video tracks.
- The project and playlist file are created using **DV Studio** software. Using this software, you can set simple sequences or complex sequences including “jump track” or “next track” actions. The software can also program buttons with different function like “play”, “stop”, “pause”, “mute”, “previous”, “next” and “volume”.

Simple play mode

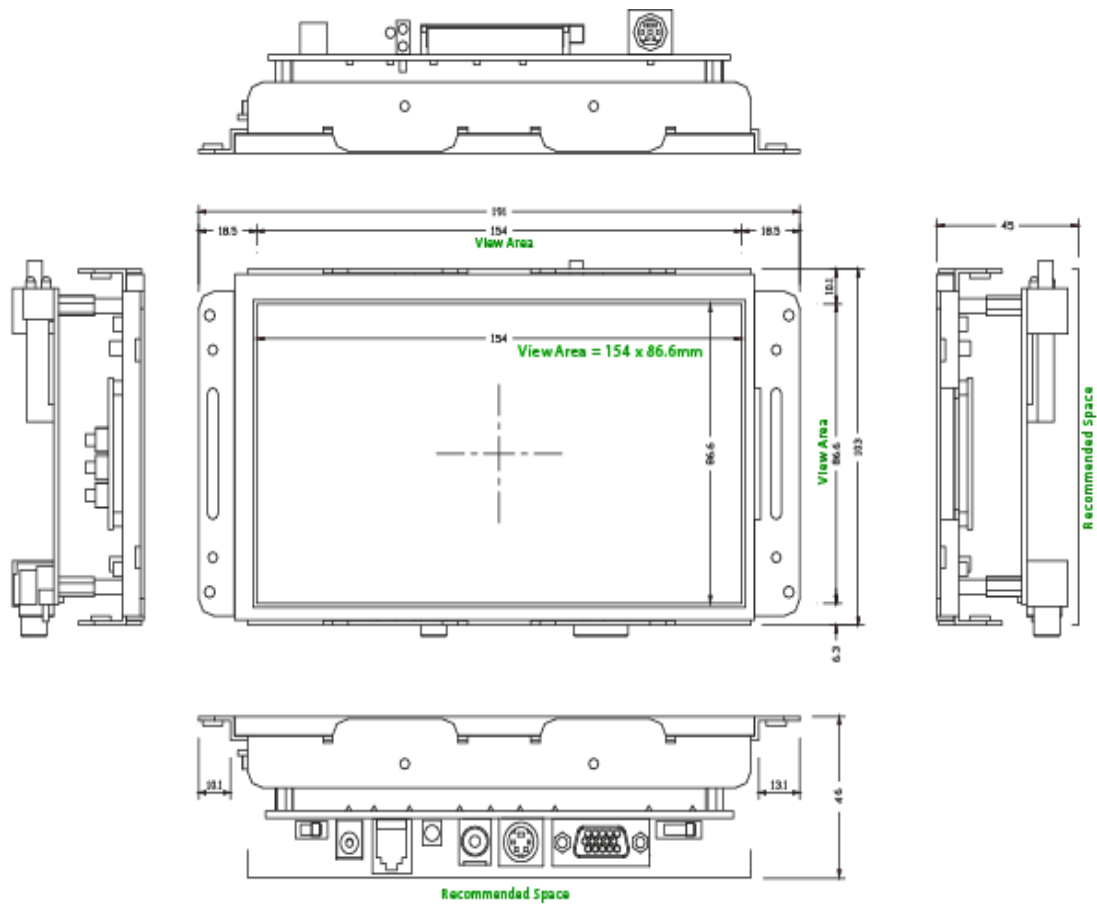
- In simple play mode, the user just copies all video files (.mpg) or JPEG files (.jpg) onto the Compact Flash card. The VideoFlyer will play these files in alphabetical sequence.
- For JPEG files, the play time is determined by the last digit of the filename. (For example: APPLE5.mpg, where "5" means the track will be displayed for 5 seconds.) *Note: Do not use the same filename on both MPEG and JPEG.*

Note: Make sure all capital letters in filename defined in playlist are consistent with the filename on CompactFlash card. All filename should be in 8+3 format (i.e. xxxxxxxx.xxx) and avoid using any illegal characters like "~", "_", "-", etc

5 Dimension



VideoFlyer 7" (VF-071)



VideoFlyer 7" Openframe (VF-071-OF)

6 Specification

Playback video format	1. MPEG-1 video (Video-CD), MPEG-2 video (DVD), MPEG-4 2. MPEG still picture, JPEG picture
Video storage	CompactFlash memory cards
LCD display	Color TFT
Screen size	7" (Diagonal)
Screen active area	154(H) x 86(V)
Panel resolution	480(W) x 3(RGB) x 234(H)
Brightness	400 cd/m ²
Contrast ratio	400 : 1
Viewing angle	130°(H) 105°(V)
Resolution	Low resolution : 352x288 pixels (PAL) : 352x240 pixels (NTSC) High resolution : 720x576 pixels (PAL) : 720x480 pixels (NTSC) Still picture : 704x576 pixels (PAL) : 704x480 pixels (NTSC)
Audio output	Internal speakers x 2 (2W) [for VF-071] Stereo Phone jack
Playback Functions	Standard playback : Play, Stop, Pause, Repeat, Previous, Next Track, Volume Programmable playback : Loop, Auto and Program mode
Power input	DC 12V
Dimensions	202(W) x 55.7(D) x 148 (H) mm [for VF-071] 191(W) x 46(D) x 103(H) mm [for VF-071-OF]
Weight	2.5kg [for VF-071] 450g [for VF-071-OF]
Environmental	Operating temperature : 0°C to 50°C Relative humidity : 5%-95% relative humidity (Non-condensing)

WARRANTY

The products are warranted against defects in workmanship and material for a period of one (1) year from the date of purchase provided no modifications are made to it and it is operated under normal conditions and in compliance with the instruction manual.

The warranty does not apply to:

- Product that has been installed incorrectly, this specifically includes but is not limited to cases where electrical short circuit is caused.
- Product that has been altered or repaired except by the manufacturer (or with the manufacturer's consent).
- Product that has subjected to misuse, accidents, abuse, negligence or unusual stress whether physical or electrical.
- Ordinary wear and tear.

Except for the above express warranties, the manufacturer disclaims all warranties on products furnished hereunder, including all implied warranties of merchantability and fitness for a particular application or purpose. The stated express warranties are in lieu of all obligations or liabilities on the part of the manufacturer for damages, including but not limited to special, indirect consequential damages arising out of or in connection with the use of or performance of the products.

CAUTION

Whilst care has been taken to provide as much detail as possible for use of this product it cannot be relied upon as an exhaustive source of information. This product is for use by suitably qualified persons who understand the nature of the work they are doing and are able to take suitable precautions and design and produce a product that is safe and meets regulatory requirements.

SAFETY INSTRUCTION

Do not use this product near water, for example, near a bathtub, wash bowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool.

LIMITATION OF LIABILITY

The manufacturer's liability for damages to customer or others resulting from the use of any product supplied hereunder shall in no event exceed the purchase price of said product.

TRADEMARKS

The following are trademarks of Digital View Ltd:

- Digital View
- Video Flyer

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