



FourSight
D V I
DVI Video Quad Display System



Fully programmable Video Quad Display System with high resolution RGB and DVI Output

- Allows 4 composite video inputs to be monitored simultaneously on one LCD panel
- Full resolution per image - even in quad mode
- High quality, **real-time** update rate per channel

Specifically designed for video surveillance monitoring applications, FourSight-DVI video quad allows up to four cameras to be viewed on one high resolution LCD panel with outstanding clarity.

Computer LCD panels are now exceeding the performance of conventional CRTs, especially in terms of size, weight, resolution and contrast ratio. FourSight-DVI video quad allows analogue video users to take advantage of these features by converting up to 4 composite video inputs into one RGB or DVI output.

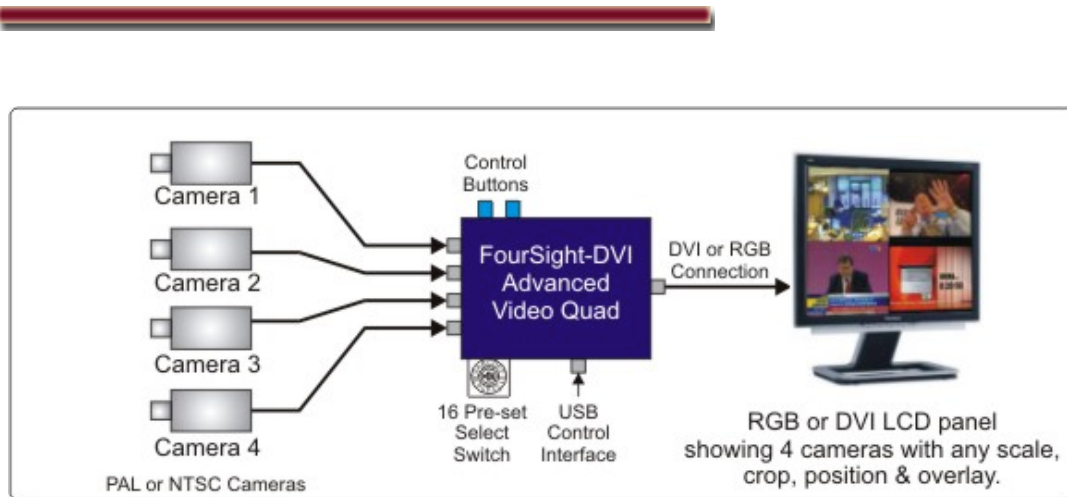
- Automatic configuration for PAL or NTSC video inputs
- 16 preset display modes
- USB control of all functions with optional PC configuration utility
- DC powered, small and rugged unit - ideal for mobile and covert installations

By default, all 4 video inputs are shown as a quad, but unlike standard analogue Quads, the pictures are displayed without loss in resolution or update rate. Further advanced video processing modes allow each channel to be moved, cropped, scaled or zoomed to any position on the screen (including full screen) either under preset control or via the unit's USB interface.

FourSight-DVI video quad will operate with almost any video source, automatically configuring itself for PAL or NTSC operation. FourSight-DVI video quad consists of a small DC powered unit that is ideal for covert and mobile installations.

For OEM applications, the system may be supplied as a unit or PCB, together with full support for interfacing via the product's external control protocol.

FourSight DVI Video Quad Application Diagram:



Typical FourSight-Video DVI Application

FourSight-DVI Video Quad Specifications:



Outline Specification:

Mechanical size (housed)

160 x 90x 25 mm

Operating temperature range	0 to +45 deg C
Finish	Hard anodised aluminium
DC Power Connector	2.1mm DC Jack
Operating voltage range	6 to 25 V DC
Power consumption	9 Watts
Current consumption at 12 V	~750 mA
Standard accessories	User guide, DC PSU, DVI to RGB adapter
Control Port	USB2 (Protocol available on request)
Video:	
Video standards supported	PAL or NTSC (auto configuration)
Video connectors	BNC (S-Video optional)
Number of input channels	4
Video input / output levels	1 Vpp 75 ohm.
Input camera gen-lock	Not required
Digital sampling per channel	PAL: 576 lines by 720 pixels NTSC: 480 lines by 720 pixels
Video output connectors	DVI-1 (supports RGB)
Digital output	800 x 600 to 1280 x 1024 pixels
Preset-display modes	16
Update rate per image	Real-time
Scale / zoom	4 x zoom to 1/64 scale
Crop	to 1 pixel resolution
Position:	to 1 pixel resolution

Please note, the above information is preliminary and Ovation Systems reserves the right to change specifications without notice. E&OE