



Hi-Def Video Quad



FourSight-DVI Video Quad Display System with High Resolution DVI/HDMI Output

- Allows four composite video inputs to be monitored simultaneously on one LCD screen.
- Full resolution per image - even in quad mode.
- High quality, real-time update rate per channel.
- Automatic configuration for PAL or NTSC video inputs.
- 16 preset display modes.
- DC powered, small and rugged unit - ideal for mobile and covert installations.

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

Traditional video quads have to reduce the resolution of each input to show more than one camera per screen. FourSight-DVI takes advantage of high-resolution computer and TV LCD displays to show 4 standard definition cameras on the one screen without any loss in quality.

FourSight DVI consists of 4 standard-definition PAL or NTSC inputs which are processed together into to one high-resolution DVI (or HDMI) output. By default, all 4 video inputs are shown as a quad with a further 15 modes displaying different combinations of the 4 inputs on the output screen. FourSight-DVI automatically configures itself for operation with most high-resolution monitors and supports most resolutions from 1024 x 768 pixels to 1920 x 1080 (1080/P).

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.

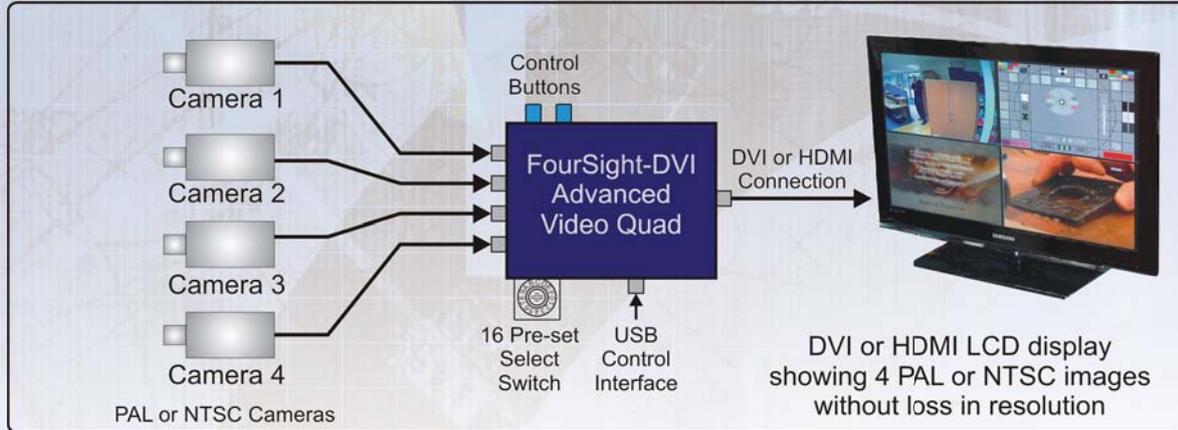


FourSight-DVI Rear View





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FourSight-DVI system diagram

Specifications

General:

Mechanical size: 160 x 90 x 25 mm (housed)

Finish: Hard anodised aluminium.

Operating Temperature range: 0 to +45°C.

DC power Connector: 2.1mm DC Jack with locking ring.

Operating voltage range: 6 to 25 V DC.

Power Consumption: 9 Watts.

Current consumption at 12V: ~ 750 mA.

Standard accessories: User Guide, DC PSU, DVI to HDMI adapter, DVI Cable.

Control ports: RS232 and USB Serial.

Video Input:

Video input standards supported: PAL or NTSC composite video (auto configuration).

Video input connectors: BNC.

Number of input channels: 4.

Video Input levels: 1 Vpp into 75 ohm.

Input camera gen-lock: Not required

Digital sampling per input channel: PAL: 576 lines by 720 pixels , NTSC: 480 lines by 720 pixels

Video output:

Video output connector: DVI, HDMI via adaptor.

Digital output modes: 1024 x 768 to 1920 x 1080. Auto and fixed resolution options

Preset-display modes: 16

Update rate per image 60Hz, with optionnal override to 50Hz for PAL inputs

Spot monitor PAL / NTSC monitor output (via future firmware upgrade)

Please note:

Ovation Systems reserves the right to change specifications without notice. E&OE



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