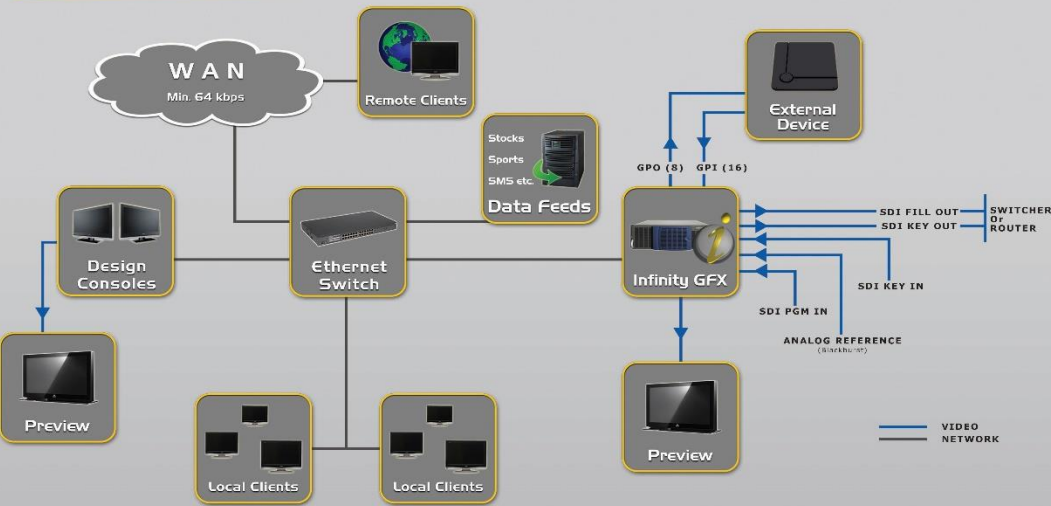


INFINITY ARCHITECTURE



Specifications

Power Specifications

760W triple-redundant power supply w/iC built-in & fan speed control

Chassis

3U Rackmount
Rack rails included
- H x W x D : 5.25" (13.35 cm) x 19" (48.26 cm) x 25.5" (59.69 cm)
- Weight: 45 lbs (20.41 kg)

Backpanel PCI/O

MS optical PS/2 Mouse
104-key system PS/2 Keyboard
1.44 MB floppy drive
Four USB 2.0 ports
Two Gigabit Ethernet ports via RJ45

Supported Video Resolutions

Serial digital component 4:2:2 video @
1920x1080: /60i/59.94i/50i (SMPT 274M)
1920x1080: /30p/29.97p/25p/24p/23.98p (SMPT 274M)
1920x1080: /30psF/29.97psF/25psF/24psF/23.98psF (SMPT 274M, RP211)
1280x720: /60p/59.94p/50p/ (SMPT 296M)
720x486 (525): /59.94i (ITU-R BT601)
720x576 (625): /50i (ITU-R BT601)

Video Inputs

One Serial Digital (SD/HD) Program/Frame Grab input:- 4:2:2 SMPTE 259M and SMPTE 292M, 8/10 bit SDI (270 Mbps @ 525/625)
One Serial Digital (SD/HD) Key Input:- 4:2:2 SMPTE 259M and SMPTE 292M, 8/10 bit SDI (270 Mbps @ 525/625)
One Analog Reference input:- Tri-level sync or blackburst - (terminated/non terminated under jumper control)

Genlock

HD/SD input or black burst (SD)/tri-level sync (HD)
Auto timing of HD/SD inputs within +/- 1/2 line window

Input Levels

SDI: 800mv P-P
Analog Reference: 1V P-P Black Burst of 0.6V P-P for Tri-level sync

Input Impedance

75 ohms

Video Outputs

One Serial Digital (SD/HD) Program/Fill Output:- 4:2:2 SMPTE 259M and SMPTE 292M, 8/10 bit SDI (270 Mbps @ 525/625)
One Serial Digital (SD/HD) Key output:- 4:2:2 SMPTE 259M and SMPTE 292M, 8/10 bit SDI (270 Mbps @ 525/625)

Output Levels

SDI : 800mv P-P

Output Impedance

75 ohms

Additional Features

All Internal Video Processing at 12-bits Component 4:2:2:4
Video and Audio Bypass on HD/SD Program Input-to-Output in the Event of a Power Fail or Application Reset
Shaped or Unshaped Fill Signal Processing
Internal Watchdog Timer to Ensure Hardware Stability
Monitoring and Signal Status LEDs
Recordable CD/DVD-RW Drive for Backup or System Restore

INFINITY

gfx

INFINITE POSSIBILITIES



Infinity GFX

Single Source Graphics Solution

Infinity GFX is a comprehensive solution for the full range of ON-AIR Graphics. It includes everything needed to create the captivating ON-AIR Look, all in a powerful Turnkey System. It is designed to meet the demands of Fast-Paced, Live-to-Air Production including Live News, Sports, Elections, Budgets, SMS and Entertainment. Infinity GFX provides Flexibility, Easy Scalability and Significant Economy.

It provides many Advanced Features to simplify and automate operations while allowing a great deal of Flexibility. Built for Multi-User Environments, it allows the Administrator to efficiently distribute workload. Operators only see their assigned work area, thus totally eliminating chances of mistakes due to overlaps.

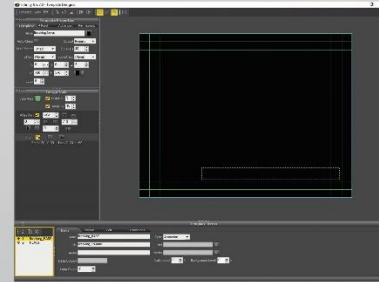
The Graphics Solution for News, Stocks, Sports, Elections, Budget, SMS and Special Events broadcast.



- Instant and Real Time Update and On-Air Display
- Comprehensive and Foolproof Rights Administration
- 4-Point Animation and Layouts
- Template-based versatile Scrolls
- Designed for use without Programming Support
- Regional Languages support
- Database Structure – Integrates with Data Sources
- Generates Database and Log Activities
- Templates-enabled Creation and Composition
- Failsafe Video Bypass
- Discrete and Embedded Audio support

- Unlimited Layers to Create and display fullest range of Visuals
- Output full range of On-Air Graphics: Logo, Clock, Animations, Full Frame Graphics, Text, Objects and Images, Scrolls, Ads, Newsflash, Breaking News, Tables and Graphs
- Co-ordinated and collaborative Team Work over Network, License-free and unlimited Clients, local or remote, can Contribute and Manage
- Video Squeeze (DVE Effect)
- Generates As-Run Logs and Commercial Reports for Advertisements Displayed
- Import and Output On-Air Items Created in 3DS Max, After Effects, Maya, etc.
- Playlists-assisted Scheduling and Output
- API for Third Party Applications Development
- Template Builder to create Layouts for Timeline and Key-Frame Based Animations

UNLIMITED CREATIVITY

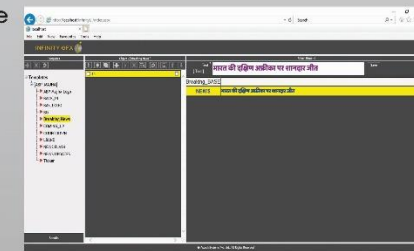


IGDesign - A Visual Template Designer

- Allows easy Drag and Drop Interface to create any kind of Template
- Integrates with the new Media Manager
- Optional Desk Top Preview
- Complete ODBC integration
- Optional live Preview

IGConsole - An Intuitive Operator Console

- New Data Entry Preview
- New and improved User Interface
- User designed grouping of Templates
- New Media Manager – All Media Objects
- Centralized Control Through Single Console
- Live update of Templates and Scrolls



Template Builder - For Advanced Layout Designing

- Live Display of On-Air Objects
- Objects-based Events
- Finer control of non-related Events
- Live Preview of ON-AIR templates
- As Run Log
- Preview window for Template before go ON-AIR

Infinity 7 Playlist Engine

- Live Display of On-Air Objects
- Playlist-integrated Output
- Objects-based Events
- Finer control of non-related Events
- As Run Log
- 16 GPUs & 8 GPOs

