

# IMPACT ENTERTAINMENT'S INFINITE SCAN



## THE INFINITY SCAN SYSTEM

### Digital Lighting is the Future of Advanced Lighting Effects -

Digital Lighting renders old style gobo projectors and effects obsolete. With the ability to project any digital media including still images and video, The Infinity Scan System offers truly Infinite possibilities for lighting effects both in projected imagery and incredible full-color laser-like aerial effects. The system's DMX-controlled media server allows every aspect (such as color, shape, rotation, masking, effects and more) of any imagery to be manipulated and recalled by any lighting controller.

Impact Lighting's Infinity Scan System is the first Digital Moving Light Projector System created to make Digital Lighting accessible at affordable pricing. In contrast to other mainstream expensive Digital Lighting Projectors, The Infinity Scan System is a system rather than a single fixture. This system has been designed to be modular, allowing for much more customization and configurability which, in turn, allows that you can design a Digital Lighting project at a lower cost by only utilizing the features necessary for that project.

Consisting of a DMX controlled moving yoke, projector and a DMX-controlled Media Server, the Infinity Scan system offers features easily comparable to much more expensive systems. In addition, you can upgrade or downgrade to different levels of projection power (2000-5000 Lumens range), select how many projection units have independent control (e.g. a nightclub may prefer the less expensive alternative of using a single media server, where all projectors always project the same media content, whereas a more elaborate production may prefer the ability for each projector to have unique and distinct media content simultaneously, or working together to project large panoramic imagery.

The Infinity Scan System emits 3000-5000+ ANSI lumens from a single projection lamp with an awesome contrast ratio of 2,000:1 which is now available in an affordable and compact package. The

Infinity Scan System is an ideal tool for corporate events, clubs, TV and theater. It can be used in any application needing projected digital content.



#### MECHANICAL SPECIFICATIONS

- Fixture dimensions (h x w x d): 614 x 533 x 431 mm
- Weight: 28 kg

#### ELECTRICAL SPECIFICATIONS

- Power supply: Electronic auto-ranging
- Input voltage range: 100-120V/200-240V AC, 50/60 Hz
- Power consumption: 450 VA

#### PROJECTOR SPECIFICATION

- Light output: 2000-5000+ ANSI lumens (Depending on Configuration)
- Lamp: 200W-450W (Depending on Configuration)
- Rated lamp life: 4.000 hours
- Aspect ratio: 4:3
- Resolution: XGA (1024 x 768)
- Contrast ratio: 2.000:1 (full on/full off)
- Display technology: DLP by Texas Instruments
- Display colors: Full 16.7 million color palette

# IMPACT ENTERTAINMENT'S CONTROLLER & SERVER

## ENVIRONMENTAL SPECIFICATIONS

- Operating ambient temperature range: 0-40°C
- Maximum housing temperature: 60°C

## CONNECTIONS

- Video inputs:

### **Data projector:**

- 1 x S-Video (Mini Din 4-pin)
- 1 x Composite video (RCA)
- 1 x VGA (D-Sub)

## MEDIA SERVER:

- 1 x S-Video (Mini Din 4-pin)
- 1 x Composite video (RCA)
- DMX data in/out: Locking 3-pin and 5-pin XLR
- ArtNet: RJ 45 (Neutrik Ethercon)
- AC power input: 1.5 m power cord with plug



## HARDWARE

- Motherboard: FoxConn Motherboard with GeForce 7050 Chipset - Supports 45nm Processors with 1333MHz Front Side Bus
- Processor: Intel Core2 Duo , 3.0 GHz, 1333 MHz FSB
- Memory: 1GB RAM
- Graphics card: nVidia 9000 GT
- Video capture card: AverMedia DVD EZMaker
- Hard disk: 120 GB
- Gigabit Ethernet

## MEDIA SERVER

- Up to 8 digital gobo layers for image and video control (Depending on Configuration)
- Graphic engine supports virtually infinite original and user-created videos/gobos usable on all gobo layers
- Individual X, Y, and Z positioning, rotation, and scaling for each gobo layer
- Layer Blend Modes (Copy, Add, Subtract, Multi, Minimum and Maximum)
- Pre-set Banner Effects – just input Text
- Endless Masking effects
- Full Key-Stone Correction (2 DMX parameters on each side)
- Digital strobe effects
- Audiovisualizer Effects
- RGB Image and Video Colour Mixing
- 2 Gobo (Image) Effect Engines per Layer with multiple DMX controllable parameters
- 2 independent effect channels on each gobo layer with hundreds of effects
- Huge amount of Default Images/Videos
- Import of User Images or Videos
- Supported Image Formats: JPG, TGA, PNG, GIF
- Supported Video Formats: MPEG1, MPEG2 , AVI, MOV, FLASH
- Effect video synchronization
- Preview of projecting output through interface (Depending on Configuration)
- Picture Merging effect in the field up to 8x8 segments (Depending on Configuration)
- Projection on to cylindrical/spherical surfaces and angular screens (Depending on Configuration)

## ELECTROMECHANICAL EFFECTS

### Pan/Tilt

- Pan movement range: 530°
- Tilt movement range: 280°
- 16 bit movement resolution
- Controllable speed of Pan/Tilt movement
- Automatic Pan/Tilt position correction

## RIGGING

- Standard 3/4" Clamp mounting positions
- Safety chain/cord attachment point