

VIVID GREEN

Specifications

Brightness

- 3600 ANSI lumens max (3000 ANSI lumens typical)
- Over 80% brightness uniformity across the screen
- Low brightness mode reduces brightness by up to 20%

Contrast Ratio

- Over 300:1 on/off

Resolution

- 3 1.3" p-Si Active Matrix TFT High Aperture LCD panels with Micro Lens Array
- True XGA 1024x768 chip resolution
- 8-bit color resolution offering 16.7 million displayable colors

Dynamic Scaling

- Digital scaling of VGA - UXGA resolutions to XGA
- Digital de-interlacing of STV, DTV and HDTV formats

Horizontal Frequency Range

- 15 to 100 kHz

Vertical Frequency Range

- 50 to 85 Hz

Dot Clock

- 160MHz (compressed UXGA)

Standard Projection Lens

- Zoom lens 1.8-2.15:1 with $f=48$, 4-62.9mm
- Power zoom/focus
- Lens zoom ratio 1.3:1
- Manual Vertical Lens offset +/- 10.8 degrees
- Screen size 31" to 300" (0.78m to 7.62m) diagonal
- 4.5 to 46.1' (1.4m to 14.1m) throw distance with standard zoom lens

Inputs

- Input 1: Digital RGB (24 pin DVI-D) or Analog RGB (15 pin D-sub)
- Input 2: Analog RGB (15 pin D-sub)
- Input 3: Analog RGB with 5 BNC for RGBHV, YPbPr, YCbCr and YUV
- Input 4: Composite video (RCA) or S-Video (4 pin mini-DIN)

Audio stereo connectors for each input (3 x 3.5 min-stereo, 1 x L/R RCA)

Outputs

- Analog RGB (15-pin D-Sub)
- Audio stereo (3.5 mini-stereo)
- Two built-in 3W speakers (per channel)



Source Compatability

- Compatible with VGA, SVGA, XGA, SXGA, UXGA, MAC SUN and SGI computer sources

Accepts Composite Video, S-Video and component video from VCR, DVD, Laser Disc players and video cameras

- 4-user defined display memory settings
- Auto-detects PAL, PAL-M, PAL-N, PAL-60, NTSC 3.58 NTSC4.43 and SECAM video standards
- Compatible with DTV/HDTV formats, 480 30I, 480 30P, 720 60P, 1035 30I, 1080 25I and 1080 30I
- Multi-standard video decoder with 3D comb filter

Enhanced feature set

- Direct key operation for volume, zoom focus and keystone
- Digital zoom can magnify image by 2 to 5 times with ability to pan
- Video and audio mute
- Color temperature adjustment: 6500 +/- 1500K with 10 factory presets
- Front and Rear Projection
- Built-in lamp timer tracks lamp usage
- Dual keystone feature, digital keystone +/- 40 degrees and manual lens shift
- Quick release adjustable feet
- Auto power-up and lamp-off functions

Control/Networking

- Remote mouse control via PS/2 & USB ports
- Auto Set-up (Phase/Tracking/Position)
- RS-232C communications port via 9-pin D-sub terminal
- Wired remote allows control from up to 20m from the projector
- IR Remote keypad with mouse and laser pointer
- Front and rear IR receivers

Graphical User Interface

- Easy set-up and intuitive on screen displays (OSD)
- Direct key status function
- Choice of image aspect ratios (4:3 or wide 16:9)
- Volume, treble and bass are independently adjustable in sound menu
- Menus can be displayed in 9 languages
- Blue or black screen can be displayed when input signal is not present

Lamp Specification

- 250W NSH Ushio lamp
- Over 1500 hours lamp life
- User replaceable lamp system

Power Requirements

- Universal power AC 100-240V, 50/60Hz
- Operating current: 4.5A at 100 VAC and 2A at 240 VAC
- Power consumption: 380W maximum
- Thermal dissipation: 1290 BTU/hr
- Operating temperature: 5 - 40° C (storage - 15 to 60° C)
- Operating humidity: 20 - 85% (storage 0 - 95%)
- Acoustic noise level: 42dB

Weight and Size

- 17.2 lbs (7.8Kg)
- 11" W x 16.8" L x 5.8" H
- 282mm W x 429mm (L) x 150mm H

Standard Accessories

- Ir wireless remote includes mouse control and built-in laserpointer (comes with 2 AA batteries)
- Power cable
- PS/2 mouse connection cable
- RGB 15-pin D-sub cable
- Lens protection cap
- User's manual
- AV cable
- Lamp air-filter

Regulatory Approvals

- Complies with all worldwide EMC and safety standards
- The product complies with FCC class A and EN55022 Class A requirements

Warranty

- Product warranty, 2 years parts and labor (excluding lamp)
- 120 day lamp warranty

Reliability

Mean time between failures (MTBF) over 28,000 hours