

The Clarity™ Lion is a 67" rear-projection display that is ideally suited for mission-critical digital wall applications. It delivers the highest resolution and reliability available in a large-screen display. Innovative AP/LCD™ technology ensures high image quality in a variety of environmental conditions. And black glass screens, thin mullions and sophisticated screen-to-screen alignment techniques produce a near seamless image.



FEATURES

Superior resolution
Up to native UXGA

Mission-critical reliability
Multi-lamp optical engine prevents downtime

Easy serviceability
Full front and rear access to components

Fast installation
Efficient mechanical and optical design

Space-saving form factor
Only 8" rear clearance required

CLARITY LION XL (WN-6750-XL)

| | | |
|--|---|---------------------|
| Display resolution | 1,024 x 768 (XGA) | |
| Aspect ratio (W:H) | 4:3 | |
| Screen dimensions | | |
| Diagonal | 67" (170 cm) | |
| Width by height | 53.6" x 40.2" (136.1 cm x 102.1 cm) | |
| Cabinet dimensions (WxHxD) | 53.6" x 58.1" x 32.6" (136.1 cm x 147.6 cm x 82.8 cm) | |
| Screen type | SCN-6720XL-GV | SCN-6720XL-GC |
| | Wide-view glass | High-contrast glass |
| On-axis gain | 1.0 | 1.7 |
| Viewing angle 1/2 gain H/V | 80° (±40°) | 70° (±35°) |
| Viewing angle 1/5 gain H/V | 135° (±67.5°) | 90° (±45°) |
| Border (mullion) | | |
| Standard screen | .070" (1.75mm) | .070" (1.75mm) |
| Reinforced screen1 | .140" (3.5mm) | .140" (3.5mm) |
| Screen to screen gap | .020" (0.5mm) | .020" (0.5mm) |
| Screen brightness | | |
| One lamp | 19ftL | 32ftL |
| Two lamps | 38ftL | 64ftL |
| Contrast ratio (full field) | >1,200:1 typical | |
| Brightness uniformity (new ANSI 13 pt) | Greater than 80% | |
| Weight* | ~250 lbs (113.4 kg) | |
| Lamp life (median) | 8,000 hours | |
| Lamp type | 180 watt High Pressure Mercury Discharge Lamps (x2) | |
| Line voltage | 100–120V, 200 –240V@50/60Hz | |
| Power consumption | | |
| One lamp | 460 watts | |
| Two lamps | 690 watts | |
| Serviceability | Full access from front or rear | |
| Rear ventilation required | 8" | |
| Colors | 16.7 million | |
| Operating temperature | 32–95° F (0 – 35° C) | |
| Operating humidity | 20–80% RH | |
| Safety regulations | Complies with UL, cUL, FCC Class A, CISPR22, CE, designed to meet EN60950 | |
| Display technology | AP/LCD™ rear projection | |
| Data input (standard) | VGA to UXGA (UXGA@60Hz) | |
| Analog | High definition (720p, 1080i) RGBHV Two 15-pin HD D-sub connectors | |
| Digital | DVI-D connector Digital output of selected input (digital loop thru) | |
| Video input (optional) | Composite video (NTSC/PAL/SECAM) on BNC x 2 with loop through S-Video (NTSC/PAL/SECAM) on Mini DIN 4-pin connector x 2 with loop through | |
| Ambient noise | 43 dB | |
| Display control | RS-232 and IR remote | |
| WallNet™ | Supported | |

*Weight and dimensions are approximate. Specifications and design are subject to change without notice. This product may be subject to export control regulations.

CLARITY LION UXL (WN-6750-UXL)

| | | |
|---|---|----------------------------|
| Display resolution | 1,600 x 1,200 (UXGA) | |
| Aspect ratio (W:H) | 4:3 | |
| Screen dimensions* | | |
| Diagonal | 67" (170 cm) | |
| Width by height | 53.6" x 40.2" (136.1 cm x 102.1 cm) | |
| Cabinet dimensions (WxHxD) | 53.6" x 58.1" x 32.6" (136.1 cm x 147.6 cm x 82.8 cm) | |
| Screen type | SCN-6720UXL-GV | SCN-6720UXL-GC |
| | Wide-view glass | High-contrast glass |
| On-axis gain | 1.0 | 1.7 |
| Viewing angle 1/2 gain H/V | 80° (±40°) | 70° (±35°) |
| Viewing angle 1/5 gain H/V | 135° (±67.5°) | 90° (±45°) |
| Border (mullion) | | |
| Standard screen | .070" (1.75mm) | .070" (1.75mm) |
| Reinforced screen 1 | .140" (3.5mm) | .140" (3.5mm) |
| Screen to screen gap | .020" (0.5mm) | .020" (0.5mm) |
| Screen brightness | | |
| One lamp | 16ftL | 27ftL |
| Two lamps | 32ftL | 54ftL |
| Contrast ratio (full field) | >1,200:1 typical | |
| Brightness uniformity (new ANSI 13 pt) | Greater than 80% | |
| Weight* | ~250 lbs (113.4 kg) | |
| Lamp life (median) | 8,000 hours | |
| Lamp type | 180 watt High Pressure Mercury Discharge Lamps (x2) | |
| Line voltage | 100–120V, 200 –240V@50/60Hz | |
| Power consumption | | |
| One lamp | 460 watts | |
| Two lamps | 690 watts | |
| Serviceability | Full access from front or rear | |
| Rear ventilation required | 8" | |
| Colors | 16.7 million | |
| Operating temperature | 32–95° F (0 – 35° C) | |
| Operating humidity | 20–80% RH | |
| Safety regulations | Complies with UL, cUL, FCC Class A, CISPR22, TUV/GS, CE | |
| Display technology | AP/LCD™ rear projection | |
| Data input (standard) | VGA to UXGA (UXGA@60Hz) | |
| Analog | High definition (720p, 1080i) RGBHV Two 15-pin HD D-sub connectors | |
| Digital | DVI-D connector Digital output of selected input (digital loop thru) | |
| Video input (optional) | Composite video (NTSC/PAL/SECAM) on BNC x 2 with loop through S-Video (NTSC/PAL/SECAM) on Mini DIN 4-pin connector x 2 with loop through | |
| Display control | RS-232 and IR remote | |
| WallNet™ | Supported | |



Options and accessories

Reinforced Screen – This special glass screen option is required for flying (overhead) or tilted installations.

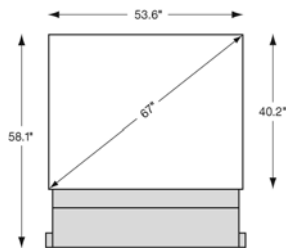
Video Input Module (VIM-6720, VIM-6750) – Allows input of NTSC, PAL or SECAM Composite video or S-Video connectivity.

Big Picture™ (BP-6720, BP-6750) – Internal magnification capability to spread a single input over multiple displays.

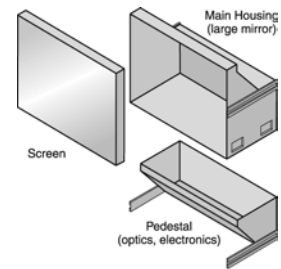
WallNet™ – Enables diagnostic control

Views

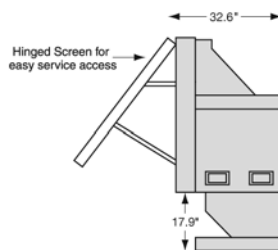
front



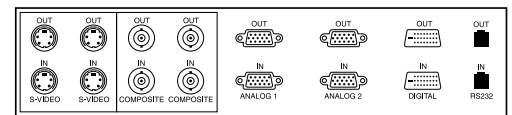
display components



side



connection panel





When image experience matters.

For more information

To learn more about the Clarity Lion by Planar Systems, call 503-748-1100
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