



LC4650

Outdoor Digital Monitors

LC4650

Engineered from the ground up to be the optimal digital signage solution for the drive-thru, the Planar LC4650 monitor delivers best-in-class *true outdoor* performance, customer experience, and return on investment for mission-critical applications.

Patent-pending design ensures round-the-clock operation in extreme temperatures without the disadvantages of competing alternatives.

Let our custom display solution experts assist in the design of your compatible enclosure for an unbeatable drive-thru offering.

LONG-LIFE DISPLAY PERFORMANCE

- Brightness of 2800 nits for excellent sunlight readability
- Designed to withstand -22° F up to 122° F
- No front surface coatings which can degrade over time
- Tempered cover glass is durable and vandal-resistant

BEST-IN-CLASS IMAGE QUALITY

- Optically-bonded tempered cover glass dramatically improves contrast, viewability, and durability
- Window-box effect is eliminated
- Glare, reflections, and condensation are significantly reduced
- No air gap between the display and cover glass

FAIL-SAFE DESIGN

- Components selected for mission-critical use
- Single failure doesn't result in system failure
- Multiple levels of redundancy
- Modular field-serviceable components, including lamps

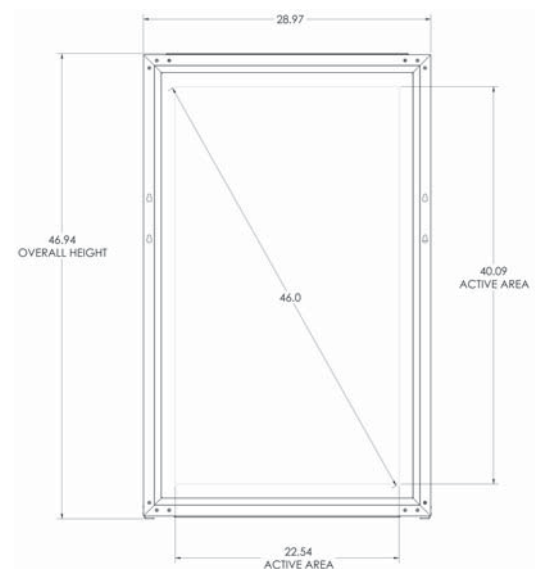
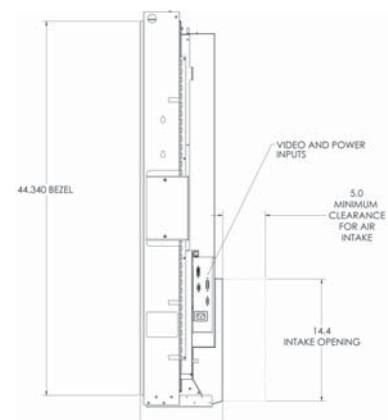
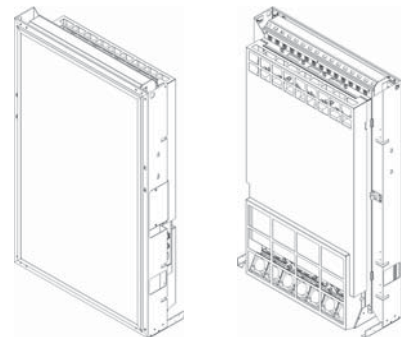
SMART MONITORING ENSURES CONTINUOUS OPERATION

- Onboard firmware monitors and controls the display
- Senses and survives power sags, brown outs
- ½ backlight mode keeps display running even in adverse conditions
- Auto video input switching if one video source fails

BRIGHTER, GREENER DISPLAY

- No A/C unit required in most climates
- More efficient – single 15A circuit
- Reduced size and weight

SPECIFICATIONS	LC4650
Screen Size	46" Diagonal
Orientation	Portrait
Aspect Ratio	16:9
Brightness (typical)	2800 cd/m ² (center)
Contrast Ratio (typical)	3500:1
Backlight	Hot Cathode Fluorescent - Field Replaceable
Response Time (typical)	8 ms
Viewing Angle (typical)	178° H, V
Native Resolution	1366 x 768
Display Colors	8 bit - 16.7M
Display Active Area	1018.353 mm x 572.544 mm
Surface Treatment	Anti-Glare 4.7 mm Bonded Tempered Vandal Glass
Data Input	RS232 for Smart Monitoring
Video Input	DVI-D
Line Voltage	120 VAC
Line Current (max.)	12.5A
Power Consumption (max.)	1500W
Operating Temperature	-30° C to + 50° C
Storage Temperature	-30° C to + 60° C
Humidity	95% RH
Product Weight	105 lbs. (47.6kg)
Product Dimensions (WxHxD)	29" x 47" x 10"
Approvals	UL879, FCC



CORPORATE HEADQUARTERS
 PLANAR SYSTEMS, INC.
 1195 NW Compton Dr
 Beaverton, OR 97006-1992, USA
 Toll-Free: +1.866.752.6270 (1.866.PLANAR.0)
 Phone: +1.503.748.5851
 Fax: +1.503.748.5897
 Email: sales@planar.com

© 2011, Planar Systems, Inc. Planar is a registered trademark of Planar Systems, Inc. Printed in USA.
 Technical information in this document subject to change without notice.

DS.LC4650_0811
 Effective August 15, 2011