



AlphaVISION

InfinitySeries

Introducing the AlphaVision Infinity Series

Adaptive is pleased to introduce the next breakthrough in large-area LED display and Andon board technology with the full-color, AlphaVision Infinity Series.

RGB LED technology

The Infinity series incorporates Adaptive's unique RGB SMT Prism™ pixel, to provide a cost-effective, 10mm(.394") pitch, high resolution, 16.7 million color display. Imagine a display that can exactly replicate a window on a PC screen, color for color, that can be viewed from hundreds of feet by the entire factory. And best of all, long lasting LED technology means no light bulbs to burn out or expensive plasma screens to replace.

DVI output. With 16.7 million colors, 240 Hz refresh rate and 60 fps your factory can watch everything from safety videos to live management broadcasts.

Industry standard drivers

Infinity series DVI drivers are compatible with Microsoft Windows® 2000 or Windows XP operating systems. The user simply selects which data "windows" from their PC are to be displayed and maps these to specific locations on the Infinity display.

24/7 design

The Infinity series is offered in either NEMA* or non-NEMA rated housings. The slim, space-saving design can be wall or

chain mounted (available back-to-back). Data and power distribution connections are simple and quick utilizing standard off-the-shelf components. Designed for 24/7 operation, Infinity is front serviceable with easy and quick access to electronic display assemblies and hot swappable power supplies.



Super large displays

Utilizing an innovative building block approach of lightweight, 32 X 24 pixel LED display cubes and a patented interlocking ring system, the Infinity Series can support display sizes up to 640 X 480 pixels or a display board approximately 15' tall and 21' wide.

State-of-the-art display control, power management and power distribution insure cost effective operation for the life of the display... 100,000 hours MTBF of continuous operation.

* NEMA rated housings are available for select Infinity sizes.

Full video

The Infinity series enables easy mixing of multiple content formats; text, graphic and full video simultaneously. Infinity is essentially a DVI monitor that supports standard video aspect ratios, like 4:3 or 16:9, and inter-connects to any PC or other device equipped with a standard

Adaptive's AlphaVision™ PC sets the standard for reliable, large area LED displays and Andon boards. Thousands of full matrix, tri-color AVPCs are in use in industries ranging from automotive to aerospace to bottling, playing a mission critical role in production optimization. Known for its ease of integration, the AlphaVision Series was the first to incorporate embedded PC technology, eliminating the need for special software and proprietary protocols. Convenient PC connectivity enables AlphaVision PC to display data from laptops or PCs, including graphs, tables and charts from such familiar programs as Microsoft® Excel®.

AlphaVision Infinity Series Specifications

	192 (76")	256 (101")	320 (126")	384 (151")	448 (176")	512 (201")	576 (227")	640 (252")
96 (38")	152 lbs./NEMA 7.1/3.5 A	203 lbs./NEMA 9.4/4.7 A	247 lbs./NEMA 11.8/5.9 A	299 lbs. 14.1/7.1 A	342 lbs. 16.5/8.2 A	394 lbs. 18.8/9.4 A	438 lbs. 21.2/10.6 A	490 lbs. 23.5/11.8 A
144 (47")	191 lbs./NEMA 10.6/5.3 A	253 lbs./NEMA 14.1/7.1 A	315 lbs./NEMA 17.6/8.8 A	369 lbs. 21.2/10.6 A	432 lbs. 24.7/12.4 A	494 lbs. 28.2/14.1 A	557 lbs. 31.8/15.9 A	619 lbs. 35.3/17.6 A
192 (76")	231 lbs. 14.1/7.0 A	303 lbs. 18.8/9.4 A	376 lbs. 23.5/11.8 A	449 lbs. 28.2/14.1 A	521 lbs. 32.9/16.5 A	594 lbs. 37.6/18.8 A	667 lbs. 42.4/21.2 A	748 lbs. 47.1/23.5 A
240 (94")	271 lbs. 17.6/8.8 A	353 lbs. 23.5/11.7 A	436 lbs. 29.4/14.7 A	528 lbs. 35.3/17.6 A	611 lbs. 41.2/20.6 A	703 lbs. 47.1/23.5 A	786 lbs. 52.9/26.5 A	869 lbs. 58.8/29.4 A
288 (113")	311 lbs. 21.1/10.5 A	403 lbs. 28.2/14.1 A	496 lbs. 35.3/17.6 A	599 lbs. 42.4/21.2 A	701 lbs. 49.4/24.7 A	803 lbs. 56.5/28.2 A	896 lbs. 63.5/31.8 A	998 lbs. 70.6/35.3 A
336 (132")	NA	453 lbs. 32.9/16.5 A	556 lbs. 41.2/20.6 A	670 lbs. 49.5/24.7 A	790 lbs. 57.6/28.8 A	903 lbs. 65.9/32.9 A	1015 lbs. 74.1/37.1 A	1127 lbs. 82.4/41.2 A
384 (151")	NA	NA	616 lbs. 47.1/23.5 A	741 lbs. 56.6/28.3 A	879 lbs. 65.8/32.9 A	1002 lbs. 75.3/37.6 A	1125 lbs. 84.7/42.4 A	1257 lbs. 94 A
432 (170")	NA	NA	NA	812 lbs. 63.7/31.8 A	968 lbs. 75/37 A	1101 lbs. 84.7/42.3 A	1244 lbs. 95.3/47.6 A	1377 lbs. 105.9/52.9 A
480 (189")	NA	NA	NA	NA	1057 lbs. 82.2/41.1 A	1200 lbs. 94.1/47.0 A	1363 lbs. 105.9/53 A	1506 lbs. 117.6/58.8 A

- Power ratings are Amps at 120VAC (Typical Video Amps/Typical Graph Amps)
- Input power circuit must be sized at twice typical video current
- Power supply is auto range input 100-240VAC, 50/60 Hz
- Add 200 lbs. for NEMA housing option

Adaptive Productivity Solutions

NEMA 4 AVPC Models - 9240PC (M Series)

Our most compact AVPC display board. Designed for those applications that require a lightweight solution with a space-conserving footprint. The versatile 240 X 32 pixel display area can display graphs and 1-5 lines of information.

Line	Part#	Total	Rejects%	Setup
001	001	1289	15%	4:00:00
002	002	939	8%	10:00:00
003	003	2466	4%	

Light Industrial Models -

AlphaVision PC Full Matrix (F Series)

A family of larger display boards engineered to accommodate virtually any display need. Display sizes can range from 160-384 pixels wide to 48-256 pixels high (in 32 X 16 pixel array increments).



Heavy Industrial Models -

AlphaVision PC Full Matrix (T Series)

Adaptive's AVPC ANDON family offers sizes, features and capabilities that have been popularized by display board use in the automotive manufacturing industry.

