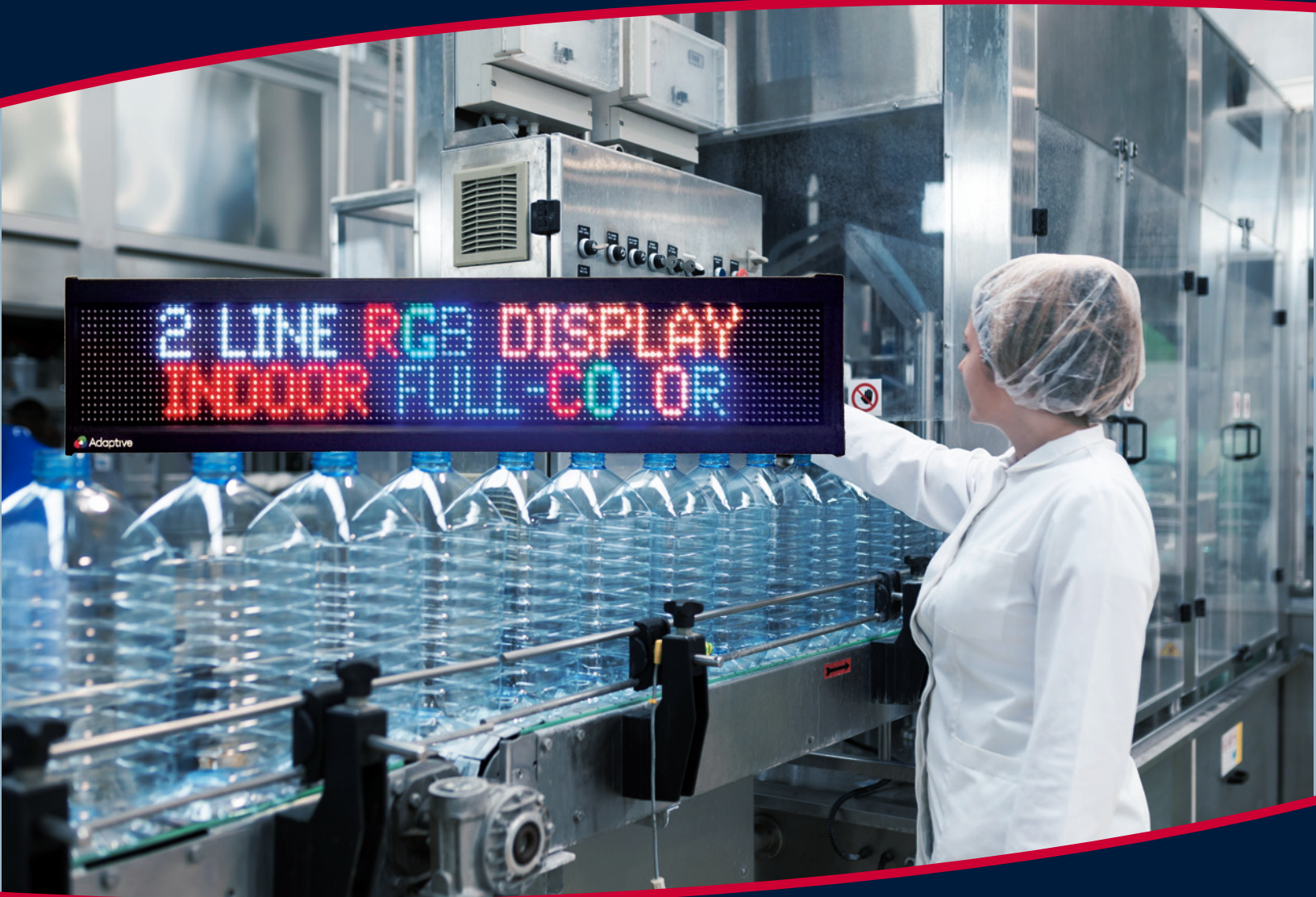# ALPHA™ 4000 RGB NEMA 12 Displays

Communicate critical production information to Operators and Managers with Alpha™ 4000 RGB NEMA 12 Displays.

Factory floor displays are proven tools for viewing and monitoring key process and productivity data. Focusing on Key Process Indicators (KPI's) can eliminate waste and increase productivity.

These state-of-the-art, Alpha LED electronic message centers can display one or two lines of crystal-clear, bright, bold text and graphics. The NEMA 12 rating provides protection against falling dirt, circulating dust, and splashing water, making them the right choice for a plant floor.

Adaptive

Manufacturing quality LED display solutions in the United States for over 35 years.

ALPHA™ 4000 RGB NEMA 12 Displays

TYPICAL USE LOCATIONS:

- Manufacturing Floors
- Shipping/Receiving Docks
- Production Areas
- Employee Break Areas

PRODUCT FEATURES

- Over 4000 vibrant colors
- Surface-mount LED technology that creates bright, crisp images up to 13x brighter than tri-color products.
- Connectivity options include RS485, RS232 and TCP/IP network-ready built-inEthernet.
- Flexibility of 1- or 2-line Messaging
- Fanless Power Supply for quiet operation
- Software tools to create your own graphics
- NEMA 12 Enclosure that protects against falling dirt, circulating dust, and splashing water.

	Alpha 4120 RGB NEMA 12		Alpha 4240 RGB NEMA 12	
Case Dimensions (W x H x D)	37.2" x 7.4" x 3.2" 945 mm x 188 mm x 81 mm		73.2" x 7.4" x 3.2" 1859 mm x 188 mm x 81 mm	
Approximate Weight	14 lbs. / 6.4 kg.		24 lbs. / 11.4 kg.	
Resolution / Display (Pixels)	120 Columns x 16 Rows		240 Columns x 16 Rows	
Lines	1	2	1	2
Characters/Line	15	20	30	40
LED Spacing (Pitch)	7.62mm		7.62mm	
Enclosure Rating	NEMA 12		NEMA 12	
Adaptive NA Part Number	1778851037		1778851067	

Network and Power Specifications

Colors / Graphics	Signs are capable of displaying RGB graphics with 4,096 colors
Display Brightness	1200 Nits (Candelas/Square Meter) Typical
Mounting	Hardware to accommodate wall & ceiling mount brackets included
Enclosure	Aluminum: NEMA 12 Intended for Indoor Use Only
Operating Temp.	32° to 120°F (0° to 55°C)
Humidity Range	5%–95% non-condensing
Power	Fanless, Auto-sensing, switching power supply (120-240V AC) which includes Over-Heat detection for safe operation by display dimming or shut-down modes
Limited Warranty	One-year parts and labor; depot repair
Manual	Available online: http://support.adaptivedisplays.com/Documentation
Technical Support	Phone and On-Line from Adaptive and Alpha-American Signs

Configuration Software

Choice of Software Included	AlphaNet Player	Ooh!Media Player and Quick Trigger
File Capabilities	.gifs, .jpeg, .bmp	.gifs, .jpeg, .bmp, .png, .avi, .mpg, wmv
Communication	Built-in Ethernet, RS-232 and RS-485 (multi-drop networking for up to 255 displays)	Built in Ethernet
Character Set	Block (sans serif), decorative, (serif), upper / lower case slim/wide	Block (sans serif), decorative, (serif) upper / lower case, slim/wide, PLUS any Windows font
Message Capacity	80 different messages can be stored and displayed	Up to 2GB of messages can be stored and displayed

Agency Approvals: ETL/ETLc, CE

- Complies with CISPR 32A & CISPR 24
- Complies with FCC Part 15, Subpart B, Sections 15.107 and 15.109 for Unintentional Radiators, Class A Digital Devices

ALPHA-AMERICAN · PROGRAMMABLE SIGNS ·

Adaptive

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