PRODUCTIVITY SOLUTIONS

Discover the power that real-time data can give your workforce. Discover Alpha[®] LED Productivity displays.

Put Your Data to Work for You

The foundation of Lean Manufacturing and other productivity programs lies in identifying and measuring Key Performance Indicators (KPIs). Adaptive's marquees allow these KPIs to be displayed for your entire workforce to see without having to walk up to a monitor or bulletin board. Like a scoreboard at a sporting event, production displays in the workplace instantly inform and update.

Choosing the Right LED Display

When properly applied in the workplace, Alpha LED displays can improve productivity, increase safety awareness and improve morale by keeping your workforce informed and updated at all times.

Alpha LED displays offer unparalled technology, durability, and value:

- 100,000 hours mean time before failure (MTBF)
- Visible from a greater distance than plasma or LCD technologies
- Easily integrated into existing networks and live data feeds
- A bright, active display technology that attracts attention and is hard to ignore

Here are some simple guidelines for choosing the right LED message display.

•Character size: How can I be sure people can read it?

Decide where the display will be placed and estimate the typical and maximum viewing distance. This will determine how large the text needs to be for optimum readability.

The typical "rule of thumb" is 1" of character height for every 50 feet of maximum viewing distance. Therefore, a standard 2" character can be read from 100 feet away and a 4" character can be read from 200 feet away.

• Display size: How big of a display do I really need?

The second most important selection criteria is determining how much data needs to be shown at one time. LED displays can cycle through long messages and stream data automatically, but the viewer may need to wait to see the information that is most relevant. Of course, LED displays can be built to nearly any size, but the bigger they are, the more expensive they get. It is important to optimize your investment while ensuring that the most important data is always shown for quick viewing.

• Data source: Where is the information coming from?

Alpha displays offer a broad variety of communications interfaces that will plug into your existing systems, without costing a fortune in integration services.

Alpha displays use open architecture, which allow the use of ActiveX controls and Alpha protocol for using OPC, ODBC and DDE transfer data within your existing plant network. Both Ethernet TCP/IP and serial solutions along with a variety of software packages are available.

ADAPTIVE PRODUCT SELECTION GUIDE

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MACHINE STOPPE

PARTS COUNT 980

Emergency FIRE Zone 18

ONE-LINE MARQUEES

-Today's SAFETY IDEA -- remember..

.GOAL: 2250

BIG DOT

TWO-LINE MARQUEES

CONVEYOR STO PART JAMME

ncy FIRE Zone 12.

INSTANTLY COMMUNICATE VITAL SAFETY - GUALITY/PRODUCTION DATA TO EMPLOYED

Alarm - Weld tip 18 wear

4200C

4160C

NEMA 12 CASE AVAILABLE

NEMA 12 CASE AVAILABLE



4240C

NEMA 12 CASE AVAILABLE



4120C

NEMA 12 CASE AVAILABLE



NEMA 4 CASE AVAILABLE

NEMA 4 CASE AVAILABLE

PRODUCT NO. TOTAL REJECT PERCENTAGE FM-256128 106 03 2% FM-19296 304 08 3%

THREE+ LINE MARQUEES

7200C

NEMA 4 CASE AVAILABLE

FOUR+ LINE MARQUEES



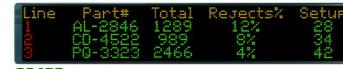
9120



916OC



9200C



9240

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Display Products		215C	220C	320C	3300	BIG DOT			4120C	4160C	7120C	7160C	7200C	9120C	9160C	9200C	9240C
Display 1.5	5" characters - readable from 75'	NA	NA	NA	NA	NA	2 lines of 20	2 lines of 26	2 lines of 33	2 lines of 40	4 lines of 24	4 lines of 32	4 lines of 40	5 lines of 24	5 lines of 32	5 lines of 40	5 lines of 48
Capacity 2" (number of	characters - readable from 100'	1 line of 15	1 line of 20	NA	NA	NA	2 lines of 20	2 lines of 26	2 lines of 33	2 lines of 40	3 lines of 20	3 lines of 26	3 lines of 33	4 lines of 20	4 lines of 26	4 lines of 33	4 lines of 40
	characters - readable from 150'	NA	NA	1 line of 20	1 line of 30	NA	NA	NA	NA	NA	2 lines of 20	2 lines of 26	2 lines of 33	3 lines of 13	3 lines of 17	3 lines of 22	3 lines of 26
	characters - readable from 200'	NA	NA	NA	NA	1 line of 13	1 line of 12	1 line of 16	1 line of 20	1 line of 24	1 line of 12 (7" char.)	1 line of 16 (7" char.)	1 line of 20 (7" char.)	2 lines of 13	2 lines of 17	2 lines of 22	2 lines of 26
Center to Center Pixel Spacing (pitch)		0.3"	0.3"	0.45"	0.45"	0.57"	0.3"	0.3"	0.3"	0.3"	0.3"	0.3"	0.3"	0.3"	0.3"	0.3"	0.3"
Display Dimensions / LxH (inches) Display Dimensions / LxH (cm)		27" x 2.1" 68.6 x 5.3	36" x 2.1" 91.4 x 5.3	54" x 3.1" 137.2 x 7.9	81" x 3.1" 205.7 x 7.9	45.6" x 4" 115.8 x 10.2	36" x 4.8" 91.4 x 12.2	48" x 4.8" 121.9 x 12.2	60" x 4.8" 152.4 x 12.2	72" x 4.8" 182.8 x 12.2	36" x 7.2" 91.4 x 18.3	48" x 7.2" 121.9 x 18.3	60" x 7.2" 152.4 x 18.3	36" x 9.6" 91.4 x 24.4	48" x 9.6" 121.9 x 24.4	60" x 9.6" 152.4 x 24.4	72" x 9.6" 182.9 x 24.4
Case Dimensions / LxHxD (inches) Case Dimensions / LxHxD (cm)			37.7" x 3.8" x 2.9" 95.8 x 9.6 x 7.4		84.4" x 5.5" x 3.8" 214.3 x 14 x 9.7	49" x 6.25" x 4.25" 124.5 x 16 x 11	40.1" x 7.7" x 5.5" 101.9 x 19.6 x 14	52.1" x 7.7" x 5.5" 132.3 x 19.6 x 14	64.1" x 7.7" x 5.5" 162.8 x 19.6 x 14	76.1" x 7.7" x 5.5" 193.3 x 19.6 x 14	40.3" x 10" x 5.6" 102.4 x 25.4 x 14.2	52.3" x 10" x 5.6" 132.9 x 25.4 x 14.2	64.3" x 10" x 5.6" 163.3 x 25.4 x 14.2	40" x 12" x 2.2" 101.6 x 30.4 x 5.5	52.2" x 12" x 2.2" 132 x 30.4 x 5.5	64" x 12" x 2.2" 162.5 x 30.4 x 5.5	76" x 12" x 2.2 193 x 30.4 x 5.
Approximate Weight (lbs. & kg)		6.25 lbs. (2.8 kg)	4.7 lbs. (2.1 kg)	12.5 lbs. (5.7 kg)	17 lbs. (7.7 kg)	12.25 lbs (5.6 kg)	18.5 lbs. (8.4 kg)	24.5 lbs. (11.2 kg)	31 lbs. (14.1 kg)	37.5 lbs (17 kg)	20 lbs. (9.1 kg)	26 lbs. (11.8 kg)	32 lbs. (14.5 kg)	23 lbs. (10.4 kg)	31 lbs. (11.8 kg)	36 lbs. (16.3 kg)	41 lbs. (18.6 k
Case Ratings (All cases are indoor rated except where noted)		NEMA 1	NEMA 1	NEMA 1	NEMA 1	NEMA 1	NEMA 1 (standard) NEMA 12 (optional)	NEMA 1 (standard) NEMA 4 (optional)	NEMA 1 (standard) NEMA 4 (optional)	NEMA 1 (standard) NEMA 4 (optional)	NEMA 1	NEMA 1	NEMA 1	NEMA 1			
Power Rating		120/230 VAC 50/60 Hz	120/240 VAC 50/60 Hz	120/230 VAC 50/60 Hz	120/230 VAC 50/60 Hz	120/230 VAC 50/60 Hz	100-240 VAC 50/60 Hz	100-240 VAC 50/60 Hz	100-240 VAC 50/60 Hz	100-240 VAC 50/60 Hz	100-240 VAC 50/60 Hz	100-240 VAC 50/60 Hz	100-240 VAC 50/60 Hz	100-240 VAC 50/60 Hz	100-240 VAC 50/60 Hz	100-240 VAC 50/60 Hz	100-240 VAC 50/60 Hz
Operating Temperature		0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F	0° to 50°C 32° to 122°F
Display Operating System Options		Alpha	Alpha	Alpha	Alpha	Alpha	Alpha or Alpha Industrial	Alpha or Alpha Industrial	Alpha or Alpha Industrial	Alpha	Alpha	Alpha	Alpha				
Communications Support	Ethernet (TCP/IP)	ext. option	ext. option	ext. option	ext. option	ext. option	ext. option	ext. option	ext. option	ext. option	ext. option	ext. option	ext. option	internal option	internal option	internal option	internal option
	RS232	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard
	RS485	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard	standard

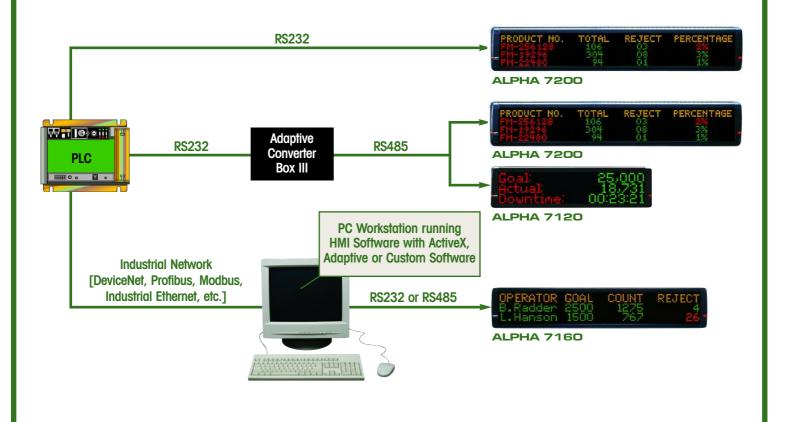
Agency Approvals: Listed to ANSI/UL 1950-Third Edition (US) and CAN/CSA-22.2 No.950-M89 (Canada). Complies with EN 60950: 1992 (Europe) and AS/NZS 3260-1993 (Australia). FCC Part 15 Class A. CE Marked.

All specifications are subject to change without notice, contact an Authorized Adaptive Automatioon Distributor for details.



CONNECTIVITY SOLUTIONS

Serial Configurations



Ethernet Configurations

