

WHEN IT COMES TO FLEXIBLE VISUAL COMMUNICATIONS, THE ALPHAVISION™ MODULAR DISPLAY SYSTEM DOES IT ALL.



ALPHAVISION™
MODULAR DISPLAY SYSTEM

ALPHAVISION

MODULAR DISPLAY SYSTEM

| | TOTAL PARTS | REJECT PARTS | REJECT RATIO | PARTS / HOUR |
|---------------------|-------------|--------------|--------------|---------------------|
| #1 | 426 | 17 | 4% | 269 |
| #2 | 864 | 35 | 4% | 259 |
| #3 | 1078 | 75 | 7% | 353 |
| #4 | 1418 | 178 | 12% | 334 |
| #5 | 281 | 8 | 3% | 122 |
| #6 | 350 | 21 | 6% | 249 |
| MALFUNCTION: | | | | CONVEYOR JAMMED |
| | | | | CHECK PLC NUMBER 28 |

**INTRODUCING
THE NEW
ALPHAVISION™**

With the ALPHAVISION™ Modular Display System, you can select an indoor LED message display that's tailored to meet your specific business needs. Whether you need a four-line, character matrix display for simple text messaging, or a large, 16-line, full matrix display with graphic and animation capabilities, the ALPHAVISION Modular Display System gives you that flexibility.

Utilizing the latest LED technology, the ALPHAVISION System displays messages, graphics, logos, and moving animation that are sure to capture and hold the attention of any audience. It provides instantaneous, flexible communications when and where they're needed most. Using your existing in-house PC network, you can transmit information to displays located throughout your facility, or to remote locations via a telephone modem or wireless RF data receiver.

CHOOSE FROM HUNDREDS OF DISPLAY CONFIGURATIONS AND SIZES

The ALPHAVISION Modular Display System is available in a wide variety of character and full matrix display configurations. As a result, you can customize your ALPHAVISION System by selecting the LED design option that best fits your application and your budget.

It's designed with interconnecting "building block" LED display modules that mount onto an inner aluminum rail system. The display case is constructed of rigid extruded aluminum for added strength and durability. This flexible design allows numerous display sizes to be easily and quickly configured. Typical sizes range from 1 to 3.5 ft. in height and 4 to 7 ft. in length. (Actual size depends on the specific LED module configuration utilized.)

In addition to the display size, you can choose from tri-color (red, green and

| INDEX | CLOSE | NET CHG | %CHG | 12MOHI |
|--------|-------|---------|------|--------|
| DJIA | 3820 | 42.50 | 1.25 | 3978 |
| NASDAQ | 789 | 3.23 | 0.15 | 804 |
| LONDON | 3130 | 7.30 | 0.21 | 3520 |

| | | |
|---------------------------------|------|-----------|
| USAir | 3552 | Oakland |
| Delta | 3310 | Atlanta |
| Midwest Express | 3169 | Las Vegas |
| ALL OVERSIZE BAGGAGE -- CLAIM E | | |

amber), red or superbrite red LED colors as well as several pixel pitches (character size). This allows you to perfectly match the visual requirements of your specific application.

UNIQUE, COMPUTERIZED COLOR-MATCHING

We use a unique, computerized color-matching system to ensure that each LED module is matched within every display so that the intensity of the colors (and hue) are uniform. This ensures that colors blend well and are consistent on all ALPHAVISION Systems.

FAST DELIVERY

Because of its "building block" design, an ALPHAVISION System can be quickly constructed to your specific size requirements. Most systems can typically be produced within four weeks from the date of order.

ALPHAVISION MODULAR DISPLAY SYSTEM APPLICATIONS

The ALPHAVISION System is designed for a wide variety of indoor applications.

By combining text, graphic image and animation capabilities it enables you to:

- Communicate safety awareness and production annunciation messages
- Supplement ADA and safety program requirements
- Display current production status reports
- Advertise company logos, new products, school mascots, promotions, and discounts at the point-of-purchase
- Communicate real-time system status information and alerts
- Display corporate logos and sales data
- Transmit quality, financial and other reports using both text and graphics
- Display statistical process control, Pareto and run charts, and histograms
- Create powerful trade show/meeting presentations
- Report customer service problems as they are recognized, logged, isolated, and resolved
- Augment a security system by displaying emergency and security information
- Welcome special corporate guests/customers in the reception or lobby area
- Use it as a visual paging system in areas where high noise levels make an audio system impractical
- Communicate corporate news internally and to remote locations

GRAPHIC AND SOFTWARE CAPABILITIES



The ALPHAVISION Modular Display System - along with our PC-based AlphaNET Plus II software - lets you communicate messages using almost unlimited visual techniques ranging from simple, one-line text display to multi-line text, graphics, logos, and animation. It's fully programmable and can be integrated with a variety of icon and clip art, animation and other graphic software packages. (AlphaNET Plus II software also programs other ALPHA one, two, and four line displays.)

AlphaNet Plus II software gives you the following capabilities:

- Flexible use of text and graphics
- Full-color screens and "pull-down" menus
- On-screen emulation
- Multiple presentation modes for dazzling special effects
- Simple time and day-of-week scheduling of presentations

- Importing of PCX file format (DOS) graphics or BMP file format (Microsoft® Windows™) graphics (including scanned images)
- Simple colorizing of graphic files
- Easy loading of various icons and clip art (ex: Windows icons, Print Master and Print Shop clip art)
- Graphics scaling
- Enhanced dot-by-dot edit screen
- Diagnostics

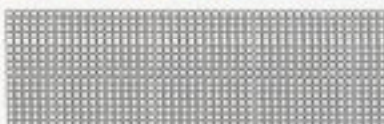
THE ALPHAVISION MODULAR DISPLAY SYSTEM FEATURES TWO DIFFERENT LED DESIGN OPTIONS FOR MAXIMUM VERSATILITY

FULL MATRIX DISPLAY

- This display version utilizes a full matrix configuration of LED pixels with no extra spacing between pixels (as in the character matrix version described below). This allows complete flexibility in the use of all available display modes and functions.
- Ideal for text, logos, graphics, and animation. It's suitable for most moving message display modes and provides a wide range of character sizes.
- Available in tri-color, red and superbrite red versions.
- A wide range of character fonts and sizes is available.
- A wide variety of display sizes is available ranging up to 256 pixel columns by 128 pixel rows. See the charts below for configuration details.



(Complete display flexibility)



(No extra spacing between paths)

TYPICAL FULL MATRIX CONFIGURATIONS

| # OF PIXEL ROWS | # OF PIXEL COLUMNS | | | | | | | |
|-----------------|-----------------------------------|----|----|-----|-----|-----|-----|-----|
| | 32 | 64 | 96 | 128 | 160 | 192 | 224 | 256 |
| 16 | Minimum Configuration 128 x 32 | | | | | | | |
| 32 | | | | | | | | |
| 48 | | | | | | | | |
| 64 | | | | | | | | |
| 80 | | | | | | | | |
| 96 | | | | | | | | |
| 112 | | | | | | | | |
| 128 | | | | | | | | |

Typical display sizes using this full matrix configuration range from 128 pixel columns by 32 pixel rows to 256 pixel columns by 128 pixel rows. (Longer versions are available; please consult your sales representative.)

| # OF PIXEL ROWS | # OF PIXEL COLUMNS | | | | | | | |
|-----------------|----------------------------------|----|----|-----|-----|-----|-----|-----|
| | 32 | 64 | 96 | 128 | 160 | 192 | 224 | 256 |
| 16 | Minimum Configuration 96 x 64 | | | | | | | |
| 32 | | | | | | | | |
| 48 | | | | | | | | |
| 64 | | | | | | | | |
| 80 | | | | | | | | |
| 96 | | | | | | | | |
| 112 | | | | | | | | |
| 128 | | | | | | | | |

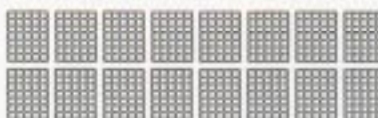
Typical display sizes using this full matrix configuration range from 96 pixel columns by 64 pixel rows to 256 pixel columns by 128 pixel rows. (Longer versions are available; please consult your sales representative.)

CHARACTER MATRIX DISPLAY

- This display version features individual LED characters with horizontal and vertical spacing between each character.
- Ideal for the static display of alphanumeric character (text only) information.
- Available in tri-color and red versions.
- Less expensive than the full matrix versions.
- Typical display sizes range from 4 lines of 24 characters per line to 12 lines of 48 characters per line.



(Ideal for static alpha-numeric information)



(Fixed spacing between characters)

SELECT FROM FOUR STANDARD CASE COLORS

The ALPHAVISION Modular Display System is available in your choice of four standard colors to match your business environment: midnight black, architectural bronze, slate gray, and white. Optional custom colors are also available on request. (Custom colors will require longer lead time and additional cost.)



AGENCY CERTIFICATION

The ALPHAVISION System complies with the following international safety standards and EMI noise specification:

| FULL MATRIX | SAFETY | EMI |
|-------------------------|---|--|
| | <ul style="list-style-type: none">• ANSI/UL 1950• CAN/CSA 22.2 NO. 950 - M89• EN 60950:1992 | <ul style="list-style-type: none">• FCC CLASS "A"• CANADA CLASS "A" DIGITAL APPARATUS• EN50082-1• EN55022 CLASS "B" |
| CHARACTER MATRIX | <ul style="list-style-type: none">• ANSI/UL 1950• CAN/CSA-22.2 NO. 950-M89 | <ul style="list-style-type: none">• FCC CLASS "A"• CANADA CLASS "A" DIGITAL APPARATUS |



ALPHA AMERICAN

PROGRAMMABLE SIGNS

J. Michael Sisk

Communicating at the Speed of Light