InfoWall Technology

Information for the Masses

If you have a large audience, you know how tough it can be to get your message seen and remembered. Now, you can get massive results from your mass communications with the Trans-Lux® InfoWall® Display. From quick flashes and rolling words to exploding graphics, InfoWall is the state-of-the-art way to get more bang from your message. Available with red, green or amber LEDs, InfoWall can display both alphanumeric text and attention-grabbing graphics. For even greater impact, you can add animation.

InfoWall is a microprocessor-controlled display that features a battery-backed memory capable of storing 30K of programmed text and/or graphics in up to 2,500 files. That means if there's ever a power failure or you need to relocate the displays, your messages can be retrieved for up to 90 days.

InfoWall is Flexible

How big is your audience? Depending on the application requirements, you can network as many as 64 InfoWalls at up to 1000 feet from the input device. The displays are easy to program, update and edit using a standard Trans-Lux keyboard, Trans-Lux programmed keyboard, PC or mainframe. InfoWalls can also receive information from a data feed or network such as SportsTicker Sports Information. And with the built-in internal clock, you can program a schedule of announcements while displaying actual time for your audience.

InfoWall is Efficient

InfoWalls, designed by Trans-Lux, are 100% solid state displays that use the latest state-of-the-art electronics and high-quality LEDs. The result is greater efficiency and a more uniform message presentation. InfoWalls require less power than incandescent or electro-mechanical displays to help you save on energy requirements and maintenance.

InfoWall is Highly Visible

To help make your message stand out in a crowd, InfoWall features a graphics mode. You can create attention-grabbing images and a nearly unlimited number of font styles to maximize your visibility and impact. In text mode you can choose from standard, condensed, or bold type. All can be controlled using a host of display commands, which include:

- Alternating Flash
- Quick Flash
- Reverse Flash
- Static Display
- Bottom Roll
- Spell
- Zip On
- Time
- Center Scroll
- Travel
- Beep Pager
- Date
- Down Scroll
- Up Scroll
- Display Time
- Day
- Split Screen
- Vertical Roll
- Travel Speed
- Up/Down Counter
- Flash
- Wipe On
- Spacing
- Overlay Mode
- Horizontal Scroll
- Explode
- Justification
- Pause

To make the alphanumeric information easier to see, InfoWall has been designed for maximum visibility and readability. Typical viewing distance is approximately 50' per 1" of character height. For example, a 4.2" character has a viewing distance of 210'.

Your Choice of Technologies

InfoWalls offer a choice of Module Block or Discrete LED technology. For use indoors, Module Block LEDs come in red, green or amber and are available in heights of 2.1" or 4.2" with column lengths of 60, 90, 120, 180 or 240.

Hi-Brite discrete LEDs are best for use outdoors or indoors in high ambient light. These red displays are available in heights of 2.1", 4.2", 6" and 8" in either 112 or 224 column lengths.

TRANS·LUX®

The leader in electronic displays.

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InfoWall Specifications

Model No.	Dimensions (W x H x D)	Weight (lbs.)	Character Size	No. of LED Columns	No. of Characters	Memory Capacity	No. of Files	Lower Case	Split Screen	Variable Spacing	Current Requirements **
62060	23-1/4" x 5-1/4" x1-3/4"	4	2.1"	60	10	30K	2500	Yes	Yes	Yes	.7 amp
62120	41-1/4" x 5-1/4" x 1-3/4"	7.5	2.1"	120	20	30K	2500	Yes	Yes	Yes	1.0 amp
62180	59-1/4" x 5-1/4" x 1-3/4"	11	2.1"	180	30	30K	2500	Yes	Yes	Yes	1.5 amp
62240	77-1/4" x 5-1/4" x 1-3/4"	15	2.1"	240	40	30K	2500	Yes	Yes	Yes	2.0 amp
64120	80-1/2" x 8-1/4" x 2"	16	4.2"	120	20	30K	2500	Yes	Yes	Yes	2.0 amp
64240	152-1/2" x 8-1/4" x 2"	34	4.2"	240	40	30K	2500	Yes	Yes	Yes	3.5 amp
1910	114" x 10-1/2" x 2"	20	6.0"	112	18	30K	2500	Yes	Yes	Yes	2.7 amp
1912	142" x 12" x 1-3/4"	30	8.0"	112	18	30K	2500	Yes	Yes	Yes	2.8 amp

** @ 120V

LED Brightness
Typical LED brightness is 10 MCD with a 170° viewing angle. In addition, 100,000+ operating-hour LEDs are used in all Trans-Lux displays to ensure maximum service life.

Hi-Brite LEDs
If an InfoWall is going to be used in an area with unusually high levels of ambient light, Hi-Brite LEDs can be incorporated. Using Discrete LED technology, these LEDs have a brightness of 750 MCD and are available in red. For additional information and specifications on Hi-Brite LED technology, contact Trans-Lux.

Brightness Control
Via downline signal (8 levels).

Transmission Speed
300 to 9600 baud standard.

Communication Interfaces
RS-422 preferred or RS-232 optional.

Modems
Hayes or Hayes-compatible (Bell 103A standard).

Software
Trans-Lux has designed IBM PC or compatible software for basic display programming of InfoWall.

Minimum Hardware Configuration
PC:
- IBM PC or compatible with 640K RAM
- One 3.5" floppy disk drive
- One RS232 Serial Port
- 1866 Buffer Interface (required if directly connected to PC)
- VGA Video Adaptor with Monitor

Voltage Input
120 VAC @ 60 Hz or 240 VAC @ 50 Hz.

Fascias
Fascias are available for contrast enhancement and protection as required. A matte finish Lexan® is standard; however, high-gloss finish is available upon request.

Ambient Operating Temperature Range
0° C to 40° C/32° F to 104° F.

Humidity Range
10-95% non-condensing.

Cooling Recommendations
All electronic products produce heat. To calculate your approximate cooling requirements, use this formula: Watts x 3.4 = BTUs/hour.

Data Cable Specifications
22-gauge, twisted pair, shielded data cable or the equivalent per local code.

Mounting
InfoWalls can be mounted flush to surface, tilted, recessed into structure or suspended from ceiling. They can also be mounted back to back for double-sided messages.

Safety Listing
Module block InfoWalls manufactured in standard configurations are listed with Underwriters Laboratory. Non-standard configurations are tested as required.

Installation and Service
All installation is performed by factory-trained Trans-Lux technicians. All InfoWall displays are backed by Trans-Lux's nationwide service organization, which has over 80 years of industry experience. If you have any service questions or problems, just call 1-800-243-5662. In Canada: 1-800-268-0491.

Rent or Purchase
Trans-Lux offers comprehensive rental programs as well as traditional purchase options.

Contact your Trans-Lux Sales Representative for information regarding custom sizes not conforming to standard InfoWall configurations.

All specifications are approximate and subject to change without notice.

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