

11" and 22" Character
One and Two Line

AlphaEclipse™ 3500 Series Outdoor Display

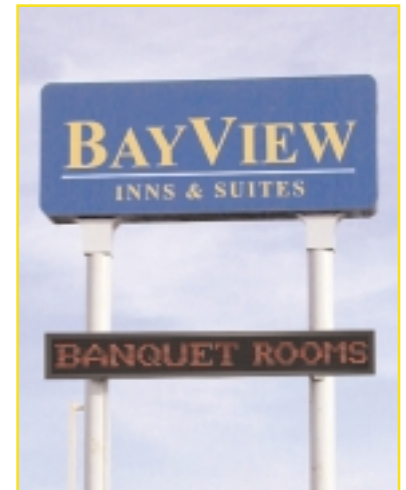


AlphaEclipse™ 3500 Series

The new AlphaEclipse™ LED displays are an all weather affordable, state-of-the-art way to communicate promotional programs and community news to your targeted audience. Together with our messaging software, these highly visible displays can be used in a variety of applications: schools, banks, shopping centers, churches and auto dealerships, just to name a few.

Advances in outdoor LED technology provide you with a virtually maintenance-free product. Superbrite LEDs last for over 100,000 hours of continuous operation, significantly outlasting comparable incandescent displays. They also consume less than 1/40 the power of incandescent displays, giving you a significant savings in electricity costs.

Advertise important messages at a moments notice. Networking options include RS485 interface as well as an optional wireless transceiver or telephone modem.



Standard Features

- AlphaNet plus™ software included
- Long life LEDs rated at 100,000 hours
- Flexibility of 1 or 2-line messages
- Front-serviceable
- Create your own graphics & logos
- Light weight, high tech, durable extruded aluminum case
- Two-year limited factory depot parts warranty
- Programmable hold times - up to 6 minutes

AlphaEclipse™ 3500 Series Specifications

	One Line - 6 Model Lengths						Two Line - 6 Model Lengths						
Case Length:	8'2" 2.5 m	10' 3 m	11'10" 3.6 m	13'8" 4.2 m	15'6" 4.7 m	17'4" 5.3 m	8'2" 2.5 m	10' 3 m	11'10" 3.6 m	13'8" 4.2 m	15'6" 4.7 m	17'4" 5.3 m	
Characters Per Line (minimum):	–One-line	10	13	16	18	21	24	6	8	9	11	13	14
	–Two-line	N/A	N/A	N/A	N/A	N/A	N/A	10	13	16	18	21	24
Display Array: <i>(One-line model has 8 rows of pixels)</i> <i>(Two-line model has 16 rows of pixels)</i>	64	80	96	112	128	144	64	80	96	112	128	144	
Case Weight:	138 lbs.	159 lbs.	190 lbs.	216 lbs.	237 lbs.	258 lbs.	181 lbs.	218 lbs.	250 lbs.	282 lbs.	319 lbs.	351 lbs.	
Case Depth:	7.1" (18.1 cm)						7.1" (18.1 cm)						
Case Height:	1'7" (48.3 cm)						2'6" (76.2 cm)						

Pixel Size (4 LEDs):	.75"
Pixel (LED) Color:	Red or amber monochrome
Pixel Luminance:	Each pixel is rated 2900 mcd typical
Pixel Wavelength:	Red = 626 nm Amber = 590 nm
Angle Viewing:	±15° (30° cone) to 50% of straight-on brightness Optional: ±35° (70° cone) to 50% of straight-on brightness
Center-to-Center Pixel Spacing (Pitch):	1.37" (3.48 cm)
Character Size (One-line format): (Two-line format):	11" (27.94 cm) 22" (55.88 cm)
Character Set:	International character set, block (sans serif), decorative (serif), upper/lower case, slim, wide, double wide, programmable character sets
Message Capacity:	81 different messages can be stored and scheduled to be displayed according to time and date
Message Presentation:	– 25 unique presentation styles – Continuous message entry with automatic centering in any mode – User programmable logos and graphics – Programmable hold times - up to 6 minutes – Calendar scheduling
Built-In Animations: (Functional on units with display array of 80 or greater)	Cherry Bomb Exploding, Don't Drink and Drive, Fireworks, Slot Machine, No Smoking, Running Animal, Moving Auto, Welcome (in script), Thank You (in script), Happy Birthday, Happy Anniversary, Champagne Bottle, Balloons and Birthday Cake

Temperature Accuracy:	±1° Typical
Clock/Date:	Date in multiple formats and time in 12 or 24-hour formats
Battery:	Lithium battery for message and time/date retention during power outages of up to 6 months
Serial Communication Interface:	Standard RS232 and RS485 Options: see below
Special Features:	– External temperature probe – Internal AC power switch for servicing – Internal thermostatically controlled fans for cooling and heating – Automatic overheating protection – Serially uploadable FLASH EPROM memory for upgrading firmware – Auto dimming for nighttime and overheating
Communications:	Alpha® Communications Protocol
Power:	120 VAC ± 10% - 60 Hz (240 VAC model also available)
Case Material:	All aluminum cabinet
Limited Warranty:	Two-year limited factory depot parts warranty
Agency Approvals:	FCC Part 15, Class A ANSI/UL 1950: 3rd Edition, 1997 CAN/CSA C22.2 950-95 C-ETL-US listing mark
Operating Temperature:	-40° to 131°F (cold start) / -40° to 55°C
Mounting:	2 Rails provided. Back to back synchronization supported.
Enclosure:	Fully front-serviceable

Serial Communication Interface Options:

Wireless:	–FHSS (Frequency Hopping Spread Spectrum) 2.4 GHz ISM band license free transceiver pair (host and remote units included) –Remote unit is factory tested, configured and installed inside the AlphaEclipse case –Host unit is factory tested and configured and includes cable to connect to PC RS232 COM port	Modem:	–V.90 56K and x2, capable of receiving messages for the AlphaEclipse via standard dedicated phone line –Modem is factory tested, configured and installed inside the AlphaEclipse case –PC modem is not included
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