

## AlphaEclipse™ PureColor™ 3601 Series Outdoor LED Display

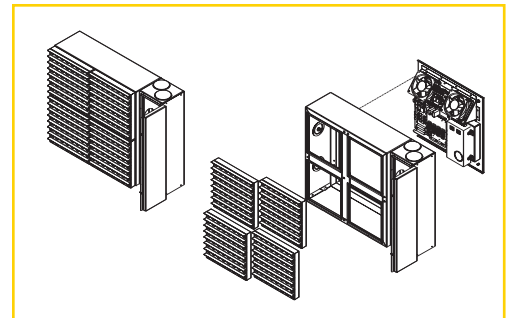


# AlphaEclipse™ PureColor™ Series

The AlphaEclipse PureColor™ 3601 series is our top-of-the-line family of outdoor LED message centers. This unique, state-of-the-art design produces a dynamic advertising message center that is highly energy efficient, easy to operate, install and service.

Advertise your products and services at a moments notice to dramatically increase your company's sales and profits, like no other advertising medium can. Become a recognized landmark in your local community. Superior PureColor™ LED design provides you with a product that is bright, and has better angle visibility to impact your drive-by audience with dazzling, professional advertising messages that cannot be ignored.

- *Versatile* – Instantly change your advertising messages from the convenience of your PC.
- *Dynamic* – Brilliant, dazzling messages and graphics command the attention of your audiences.
- *Profitable* – Creates new sales and profits as no other advertising medium can.
- *Economical* – Eliminate wasted advertising dollars that do not reach your target market.
- *Powerful and Efficient* – **EnergySmart** technology is affordable, reliable and energy efficient. It is the most effective on-premise outdoor advertising available today.



- All weather fully modular design
- Exclusive wire way access panel for ease of installation and servicing

### Standard Features

- AlphaNet™ software included with exclusive user tutorial CBT (computer based training) program
- Calendar scheduling of your messages
- Display graphics/animations
- Import/display BMP or GIF files
- Over 100 sizes from 2' x 4' to 15' x 30' to meet your needs
- Mono-color red or amber, or RGB
- 24 Bit design capable of processing 16.7 million colors
- Operation modes to meet local ordinances
- Two-year limited factory depot warranty
- Proprietary exposed LED design eliminates front lens
- Parallel communication processing prevents multiple module failure
- 100,000 hour Agilent/HP LED's
- All-weather, superior silicone potting protection
- Proprietary modular design for easy front/rear servicing

# AlphaEclipse™ 3601 Series Specifications

Rows	Columns	*Case HxW	Char. Height Per Line	10" Char's Per line	Red/Amber Max Current (Amps)	RGB Max Current (Amps)	Weight with mounting brackets	Rows	Columns	*Case HxW	Char. Height Per Line	10" Char's Per line	Red/Amber Max Current (Amps)	RGB Max Current (Amps)	Weight with mounting brackets	
16	32	22" x 51"	22"/1 line 10"/2 line	5/2	3.54	5.54	110lbs.	48	48	66" x 51"	44"/1 line 27"/2 line 21"/3 line 14"/4 line 10"/6 line 7"/8 line	8/6	15.93	24.93	495lbs.	
16	48	22" x 73"		8/2	5.31	8.31	165lbs.	48	64	66" x 95"		10/6	21.24	33.24	660lbs.	
16	64	22" x 95"		10/2	7.08	11.08	220lbs.	48	80	66" x 117"		13/6	26.55	41.55	825lbs.	
16	80	22" x 117"		13/2	8.85	13.85	275lbs.	48	96	66" x 139"		16/6	31.86	49.86	990lbs.	
16	96	22" x 139"		16/2	10.62	16.62	330lbs.	48	112	66" x 161"		19/6	37.17	58.17	1155lbs.	
16	112	22" x 161"		19/2	11.39	19.39	385lbs.	48	128	66" x 183"		21/6	42.48	66.48	1320lbs.	
16	128	22" x 183"		21/2	14.16	22.16	445lbs.	48	144	66" x 205"		24/6	47.79	74.79	1485lbs.	
16	144	22" x 205"		24/2	15.93	24.93	495lbs.	64	64	88" x 95"		10/8	28.22	44.32	880lbs.	
32	32	44" x 51"	44"/1 line 21"/2 line 14"/3 line 10"/4 line 7"/5 line	5/4	7.08	11.08	220lbs.	64	80	88" x 117"	27"/2 line	13/8	35.4	55.4	1100lbs.	
32	48	44" x 73"		8/4	10.62	16.62	330lbs.	64	96	88" x 139"	21"/3 line	16/8	42.48	66.48	1320lbs.	
32	64	44" x 95"		10/4	14.16	22.16	440lbs.	64	112	88" x 161"	14"/5 line	19/8	49.56	77.56	1540lbs.	
32	80	44" x 117"		13/4	17.7	27.7	550lbs.	64	128	88" x 183"	10"/8 line	21/8	56.64	88.64	1760lbs.	
32	96	44" x 139"		16/4	21.24	33.24	660lbs.	64	144	88" x 205"	7"/10 line	24/8	63.72	99.72	1980lbs.	
32	112	44" x 161"		19/4	24.78	38.78	770lbs.	*Additional sizes up to 128 rows x 256 columns (15ft. x 30ft.) are available. Approximate dimensions and weights – call distributor for architectural drawings. Due to continuing product innovations, all specifications are subject to change without notice.								
32	128	44" x 183"		21/4	28.32	44.32	880lbs.									
32	144	44" x 205"		24/4	31.86	49.86	990lbs.									

<b>Pixel Size:</b>	.9" (23mm)
<b>Pixel (LED) Color:</b>	16.7 million colors RGB 256 color shades red & amber
<b>LED Viewing Angle:</b> (to 50% of straight on brightness)	70° Horizontal, 120° viewability 35° Vertical
<b>Center-to-Center Pixel Spacing (Pitch):</b>	1.38" (35mm) Pitch
<b>Character Set:</b>	International character set, block (sans serif), decorative (serif), upper/lower case, slim, wide, double wide, and shadow
<b>Message Capacity:</b>	95 different messages can be stored and scheduled to be displayed according to time and date
<b>Message Presentation:</b>	– 27 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
<b>Temperature Accuracy:</b>	±1° Typical
<b>Clock/Date:</b>	Date in multiple formats and time in 12 or 24-hour formats
<b>Battery:</b>	Lithium battery for time/date retention during power interruptions for at least 1 year
<b>Serial Communication Interface:</b>	Standard RS232 and RS485 Options: On site wireless, telephone or fiberoptic modem. Factory tested, configured and installed inside the AlphaEclipse case

<b>Special Features:</b>	<ul style="list-style-type: none"> <li>– Digital intensity control</li> <li>– Parallel communication processing isolates individual module failures</li> <li>– Industry standard compact flash memory for message storage</li> <li>– Comprehensive remote diagnostic program</li> <li>– External temperature probe (optional)</li> <li>– Internal AC power switch for servicing</li> <li>– Internal thermostatically controlled cooling fans</li> <li>– Automatic overheating protection</li> <li>– Serially uploadable FLASH EPROM memory for upgrading firmware</li> <li>– Auto night time dimming (8 levels)</li> <li>– Back to back synchronization supported</li> </ul>
<b>Communications:</b>	Alpha® Communications Protocol
<b>Power:</b>	120 VAC ± 10% - 60 Hz (240 VAC model also available, single phase)
<b>Case Material:</b>	NEMA type 3R, aluminum cabinet
<b>Limited Warranty:</b>	Two-year limited factory depot parts warranty
<b>Agency Approvals:</b>	FCC Part 15, Class A ANSI/UL 60950-1 CAN/CSA C22.2 60950-1-03 C-ETL-US listing mark and CE Marking
<b>Operating Temperature:</b>	-40° to 122°F / -40° to 50°C
<b>Mounting:</b>	Steel mounting angle Design facilitates welding, bolting, or riveting techniques
<b>Module/case dimensions:</b>	<ul style="list-style-type: none"> <li>– Front and rear access to all components</li> <li>– Front access to power and data connections via wireway box mounted on right or left side</li> <li>– 12" Deep including steel mounting brackets</li> <li>– Each module is 22" x 22" x 9" deep, excluding steel mounting brackets and wireway box</li> </ul>