

ALPHA MNS 24 VDC SERIES: 4000 RGB



Emergency Notification Solutions from Adaptive

Adaptive Display Solutions electronic message centers should be a component of any multi-modal emergency notification plan. Now Available in 24 Vdc or True PoE per IEEE 802.3.

Having your campus-wide alert systems work together by incorporating our products helps to ensure that in a crisis, everyone receives emergency notification – including areas where noise levels are high, acoustics are poor, or mobile phones are not permitted or accessible.

Adaptive is a leading provider to the rapidly growing MNS market. We display critical alerts and messages via highly visible, full-color LED displays that are rated for both indoor and semi-outdoor applications listed to UL1638 Standard for Safety to Visual Signaling Appliances.

Adaptive models are tested to verify compliance with FCC "Rules and Regulations" Part 15, Subpart B, Sections 15.107b and 15.109b for Unintentional Radiators.

"COMMUNICATING AT THE SPEED OF LIGHT"

800-223-4636 or 858-273-3036

ALPHA-AMERICAN.COM



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SEVERE WEATHER
TAKE SHELTER

SEVERE WEATHER
PROCEED TO NEAREST

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PROCEED TO NEAREST SHELTER

	Alpha 4080 MNS	Alpha 4120 MNS	Alpha 4160 MNS
Case Dimensions (W x H x D)	25.2" x 7.4" x 3.2" 640mm x 188mm x 81mm	37.2" x 7.4" x 3.2" 945mm x 188mm x 81mm	49.2" x 7.4" x 3.2" 1250mm x 188mm x 81mm
Approximate Weight	8 lbs. 3.6 kg	11 lbs. 5.0 kg	14 lbs. 6.4 kg
Resolution / Display Array	80 Columns x 16 Rows	120 Columns x 16 Rows	160 Columns x 16 Rows
Display Array	80 x 16 pixels	120 x 16 pixels	160 x 16 pixels
Characters / Lines	10 Characters / 1 line 13 Characters / 2 lines	15 Characters / 1 line 20 Characters / 2 lines	20 Characters / 1 line 26 Characters / 2 lines
Input Voltage	16 to 33 VDC (24 Typical)	16 to 33 VDC (24 Typical)	16 to 33 VDC (24 Typical)
Power Draw @ 24 VDC	Blank 0.16A, Text 0.26A, All White 0.86A	Blank 0.24A, Text 0.39A, All White 1.29A	Blank 0.32A, Text 0.52A, All White 1.72A
Power Draw @ 16 VDC	Blank 0.22A, Text 0.38A, All White 1.26A	Blank 0.33A, Text 0.57A, All White 1.86A	Blank 0.44A, Text 0.76A, All White 2.52A
Character Size	4.8" (121.92mm) or 2.1"(53.34mm)		
LED Spacing (Pitch)	7.62 mm		
Brightness	Typical 1300 NITS		
Display Colors	RGB 4096 Colors		
Operating Temperature	-30° C to 50° C		
Storage Temperature	-40° C to 85° C		
Humidity Range	5-95% Non-Condensing		
Computer Interface	RS485 Serial Interface or PoE (optional)		
File Capabilities	AlphaNet .gifs, jpeg, bmp; Ooh!Media also Includes .png, avi, mpg, wmv		
Compliance	UL 1638, NFPA 72, FCC Class A		
Mounting	Wall Mounting (Standard) with Available Ceiling Mount (Optional)		
Front Lens Cover	Polycarbonate		
External Case	Designed for Semi-Outdoor Shelter Use		
Warranty	Two Years Parts and Factory Labor		
Software	No Foreign Firmware or Software		
Technical Support	Phone and On-Line from Alpha-American Programmable Signs Support Team		



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