

23mm Series Outdoor LED Display



The 23mm series is designed to provide the ultimate outdoor advertising experience. High-resolution video output adds excitement to your business, and provides the latest technology to meet your needs now and into the future. The advanced digital architecture provides lightning-fast DM connectivity, pure image transmissions without analog loss, and huge file processing.

Digital Design — All DM digital connectivity and reliability - throughout the entire design. Standard embedded PC design enables powerful control; fast downloads of huge files, and industry standard Ethernet connectivity.

Maintenance Free — All weather sealed case design eliminates vents, filters and environmental contaminants. No more corrosion issues or concerns associated with rain, dust, and salt fog. Sensitive internal electronics are conformal coated to provide another level of protection.

Features

- Video board or marquee message center - two different product options
- Flexible — Many modular sizes from 2' x 4' to 14' x 48' billboard dimensions
- Powerful — Visible from 85' to over 1500', high resolution fits any main street or highway need
- Efficient — Energy Smart LED technology that is affordable, reliable and energy efficient
- Profitable — No other out-of-home medium provides a faster ROI through increased sales and profits



ElectronicSigns.com

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23mm Series Specifications

Rows	Columns	Height (ft.)	Width (ft.)	6.3" Characters Per Line**	Character Height**	Weight (lbs.)	Max Input Current (Amps) @115VAC
16	96	1' 2.9"	7' 3.3"	2 lines of 16 char.	4.5"-14.5"	90	5.55
16	112	1' 2.9"	8' 5.8"	2 lines of 18 char.	4.5"-14.5"	105	6.48
16	128	1' 2.9"	9' 8.3"	2 lines of 21 char.	4.5"-14.5"	120	7.40
32	96	2' 5.4"	7' 3.3"	4 lines of 16 char.	4.5"-29"	180	11.10
32	112	2' 5.4"	8' 5.8"	4 lines of 18 char.	4.5"-29"	210	12.95
32	128	2' 5.4"	9' 8.3"	4 lines of 21 char.	4.5"-29"	240	14.80
48	96	3' 7.9"	7' 3.3"	6 lines of 16 char.	4.5"-43.5"	270	16.65
48	112	3' 7.9"	8' 5.8"	6 lines of 18 char.	4.5"-43.5"	315	19.43
48	128	3' 7.9"	9' 8.3"	6 lines of 21 char.	4.5"-43.5"	360	22.20
64	128	4' 10.3"	9' 8.3"	8 lines of 21 char.	4.5"-58"	480	29.60
64	144	4' 10.3"	10' 10.8"	8 lines of 24 char.	4.5"-58"	540	33.30
64	160	4' 10.3"	12' 1.3"	8 lines of 26 char.	4.5"-58"	600	37.00
80	128	6' 0.8"	9' 8.3"	10 lines of 21 char.	4.5"-72.4"	600	37.00
80	144	6' 0.8"	10' 10.8"	10 lines of 24 char.	4.5"-72.4"	675	41.63
80	160	6' 0.8"	12' 1.3"	10 lines of 26 char.	4.5"-72.4"	750	46.25
96	128	7' 3.3"	9' 8.3"	12 lines of 21 char.	4.5"-86.9"	720	44.40
96	144	7' 3.3"	10' 10.8"	12 lines of 24 char.	4.5"-86.9"	810	49.95
96	160	7' 3.3"	12' 1.3"	12 lines of 26 char.	4.5"-86.9"	900	55.50
192	640	14' 6.3"	48' 3.9"	24 lines of 106 char.	4.5"-173.9"	7200	249 (230VAC ONLY)

Three series types; marquee message centers with 20 fps performance, Excite Video boards offering high speed video performance at 60 fps, and a custom configured "Ticker type" product. All series offer digital PureColor™ processing, high brightness, and wide viewing angles to produce a dynamic, visual impact like no other digital signage product available today.

LED Pixel:	23mm/.90 inch pitch, 14mm diameter 1Red/1Green/1Blue LED
LED Color:	PureColor™ 8-bit, 16.7 million colors
Digital Display Matrix Size:	Min. 16 x 64 / Max. 192 x 640 (for marquee center or video board)
Digital Display Case Dimensions:	Min. 1' 2" x 4' 8" / Max. 14' 4" x 48" – 9.75" deep (including 3" steel mounting angle)
Digital "Ticker Type" Matrix Size:	Min. 16 x 64 / Max. 48 x 928, special PC software required*
Digital Ticker Case Dimensions:	Min. 1' 2" x 4' 8" / Max. 3' 6" x 69' 6" – 9.75" deep (including 3" steel mounting angle)
Viewability & Intensity:	140° horizontal/60° vertical, 6500 nits minimum
Viewing Distance:	Min. 84ft., Max. to +1500ft. (1" of character height=40ft. of viewing distance)
Power/Module:	100 watts maximum per module (16 x 16 display driver)
Controller:	Embedded PC, DVI link to the sign monitor
Connectivity to Controller:	Wired or wireless Ethernet, and DSL modem (phone company requirement)
Service Access:	Front access door opens to enable access to all internal components. Display drivers (16 x 16) are removable without opening the front access door
Case Material:	UL50 type 3R, IP44 aluminum cabinet
Mounting:	Steel mounting angle for welding, bolting to third party superstructure
Size & Weight per Module:	14.4" x 14.4", ~15lbs. per 16 x 16 display driver

Dimming Feature:	10 automatic levels
Video Frame Rate:	Message marquee version: 20fps Excite Video version: 60fps
Special Features:	<ul style="list-style-type: none"> –Industry standard 1000MB compact flash memory for message storage –External temperature probe (optional) –Marquee and Video models have DVI monitor capability –Protector™ case – sealed enclosure design eliminates external contamination by rain, salt fog or dust and reflects solar radiation. –Automatic thermal protection for all electronics –One thermostatically controlled fan per module for internal air mixing.
Filtering Maintenance:	Not required, no external vents, case is sealed
Operating Temperature:	-40° to 122°F / -40° to 50°C
Limited Warranty:	Five-year limited factory depot warranty. Third party supplied devices such as modems, wireless devices, carry a warranty respective of the supplier. See Adaptive Terms & Conditions for complete warranty details.
Agency Approvals:	FCC Part 15, Class A, ANSI/UL 60950-1 CAN/CSA C22.2 No. 60950-1-03 C-ETL-US listing mark and CE Marking
Agency Approvals:	FCC Part 15, Class A,

NOTE: Many more sizes are available, up to 14' 6.3" x 48' 3.9" (192 rows x 640 columns).