Parameters

Item		Parameters					
Modules	Model	MN19S	MN25S	MN3S	MN37S	MN4S	MN48S
	Pixel Pitch（mm）：	1.9	2.5	3	3.75	4	4.8
	Physical Density（dot/m²）：	275625	160000	111,111	71,111	62,500	43,402
	LED Arrangement：	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
	LED Type：	SMD 1010	SMD2121	SMD2121	SMD2121	SMD2121	SMD3528
	Module Size（mmxmm）：	240x240	240x240	240x240	240x240	240x240	240x240
	Module Resolution（PXxPX）：	126x126	96x96	80x80	64x64	60x60	50x50
	Module Power Comsumption（W）：	≤50	≤50	60	60	60	60
Main technical parameters	Drive Mode：	Constant Current Drive	Constant Current Drive	Constant Current Drive	Constant Current Drive	Constant Current Drive	Constant Current Drive
	Horizontal Viewing Angle（Deg）：	140	140	140	140	140	140
	Vertical Viewing Angle（Deg）：	140	140	140	140	140	140
	Brightness（cd/m²):	≤800	≤800	1,200	1,200	1,200	1,200
	Grey Scale：	14Bit	14Bit	14Bit	14Bit	14Bit	14Bit
	Refresh Rate（Hz）：	⩾1500(2032)	⩾1500(2030)	⩾1500(2032)	⩾1500	⩾1500	⩾1500
	Cabinet Resolution（PXxPX）：	252x252	192x192	160x160	128x128	120x120	100x100
	Cabinet Max Power Consumption(W)：	≤252(4.2V/60A)	≤252(4.2V/60A)	300	300	300	300
	Cabinet Average Power Consumption(W)：	≤100	≤100	120	120	120	120
	Cabinet Size（mmxmm）：	480x480	480x480	480x480	480x480	480x480	480x480
	Cabinet Weight（Kg）：	9.3	9.3	8.3	8.3	8.3	7.5
	Cabinet Thickness（mm）：	73	73	73	73	73	73
	Cabinet Material：	ALU					
	Color（M）：	>16.7					
	Input Voltage（V）：	AC 88V~220V+/-10%					
	Refresh Frame Frequency（Hz）：	50&60					
	Protection Level：	IP43					
	Working Environment：	Indoor					
	Working Temperature（℃）：	-20~+40					
	Operation humidity (RH):	10%-90%					
	Life Span（H）：	100，000					
	Vertical Hanging Quantity：	MAX20					

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Indoor Adv & Event

Features:

Hanging Installation
Cabinets can be installed vertically by the hanging lock with security mechanism, maximum 50 panels, easy to form a large LED display;

Ultra-thin
Each cabinet weights only 9.3kg with a depth of 73mm, significantly saving cost for transportation and labor;

Precise Positioning
Cabinet are connected by precise side locks which takes only 10 seconds to assemble, perfect choice for rental application;

Soft Masks
Macromolecule soft masks without flare, offering better contrast ratio; no screws for masks, easy for replacement;

Humanistic Design
Foldable handle for carrying and Ergonomic handle for installation and dismantlement, fast and convenient;

Intelligent Control
Intelligent control to indicate the accurate working temperature and accumulated working hours;

Easy Maintenance
Open to back cover without tools, modules to be dismantled without dissembling the power supply, high efficiency for test and maintenance;

High Durability
Super light Aluminum alloy connection plate with high durability and elegant appearance;

Eastar Mini Series ● 3D Solution

With Eastar 3D effect control solution, the graphic card can feed the 60Hz video signal of original 3D video content to the Eastar EV127 sending box where the signal is processed and output as 3D video signal. Wearing the Eastar 3D glasses, you can watch a natural and perfect 3D effect video.

6 Advantages of 3D Solution:

■ **Active 3D technology, excellent effect**
Active shutter 3D technology can divide one picture frame into two pictures which are respectively for left eye and right eye. The two picture interlace consistently while the signal transmitter controls the switches for the left and right glass of shutter 3D glasses synchronously, which makes the left and right eyes see the corresponding pictures at the right moment and bring the user real and perfect 3D effect.

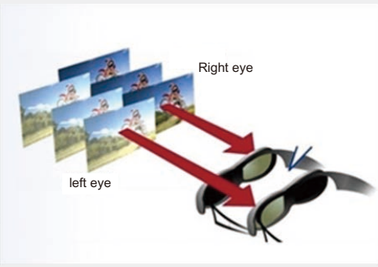
■ **Supporting 1080P HD Resolution**
Polarimetric 3D technology is influenced by the polarizing principle so it can hardly realize real full HD resolution 3D image. Active shutter can keep the original resolution of the image and support HD resolution, perfectly realizing full HD 3D effect.

■ **Simple Equipment, easy configuration**
Only an EV127 sending box (including 3D display module) and special 3D glasses are needed. But polarimetric 3D technology has requirements on the display panel that a polarizing layer needs to be installed on the surface of the display panel which increase the panel cost and construction difficulty.

■ **ZigBee Standard, offering optimized 3D watching experience**
ZigBee 3D Sync standard is applied which is more flexible and efficient. It could prevent interference and bring more freedom to users, offering optimized 3D watching experience.

■ **Strong ability to prevent interference**
The strong ability to prevent interference will protect the system from being influenced by the electrical equipments around, ensuring stable performance.

■ **International big companies support, abundant material**
Currently, many international companies are applying active shutter 3D technology including Samsung, TCL, Panasonic, Sony, Haier, Sharp, Hisense, Changhong, and etc.



Active 3D technology

Module details