

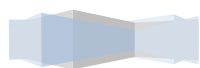
Genture Electronics

Dedicate itself to LED innovation& application



Product Manual

---Outdoor Display Series



Part 1 Outdoor Display Series

1.1.1 Product Overview

- ◆ 110° viewing angle
- ◆ Advanced modules, high -contrast and No-glare
- ◆ Professional optical design
- ◆ Automatic brightness control
- ◆ Perfect pixel configuration with clear and bold fonts
- ◆ Fine manufactured cabinet with IP65 protection class withstands humidity, high wind, extreme temperatures and adverse weather.
- ◆ Completed customer service options, including parts replacements and on-site maintenance.

1.1.2 Specifications

Outdoor DIP

Pixel Pitch mm	10mm	12mm	16mm	20mm
Display Color	Full Color Video	Full Color Video	Full Color Video	Full Color Video
Applicable for	Outdoor Video	Outdoor Video	Outdoor Video	Outdoor Video
Tile Resolution (H*W)	16*16	16*16	16*16	8*16
Tile Dimensions (W*H) mm	160*160	192*192	256*256	160*320
Standard Module Resolution	96*96	80*80	64*64	48*48
Standard Module Dimensions	960*960	960*960	1024*1024	960*960
LED Type	DIP	DIP	DIP	DIP
LED Combination	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Brightness (nits)	8000	8000	8000	7000
Viewing angle	110°/60°	110°/60°	110°/60°	110°/60°
IP rating (Front)	IP65	IP65	IP65	IP65
Min. Viewing Distance (m)	10	12	16	20

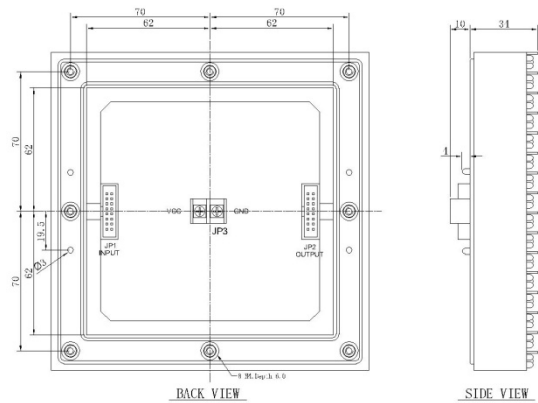
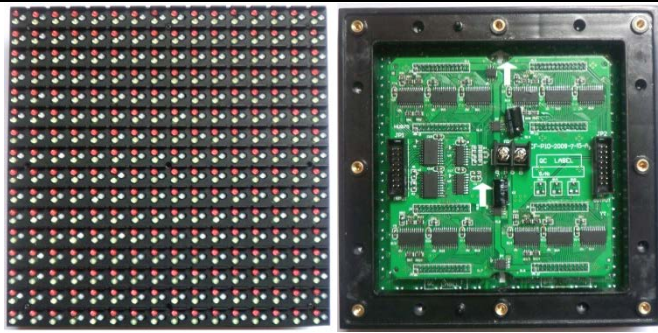


Outdoor SMD				
Pixel Pitch mm	8mm	10mm	12mm	16mm
Display Color	Full Color Video	Full Color Video	Full Color Video	Full Color Video
Applicable for	Outdoor Video	Outdoor Video	Outdoor Video	Outdoor Video
Tile Resolution (H*W)	16x32	16*32	16*16	16x8
Tile Dimensions (W*H) mm	128x256	160*320	192*192	256*128
Standard Module Resolution	128x128	96*96	80*80	64*64
Standard Module Dimensions	1024x1024	960*960	960*960	1024*1024
LED Type	SMD	SMD	SMD	SMD
LED Combination	All-In-One	All-In-One	All-In-One	All-In-One
Brightness (nits)	6500	6500	6500	6500
Viewing angle	110°	110°	110°	110°
IP rating (Front)	IP65	IP65	IP65	IP65
Min. Viewing Distance (m)	8	10	12	16

1.1.3 Typical Case

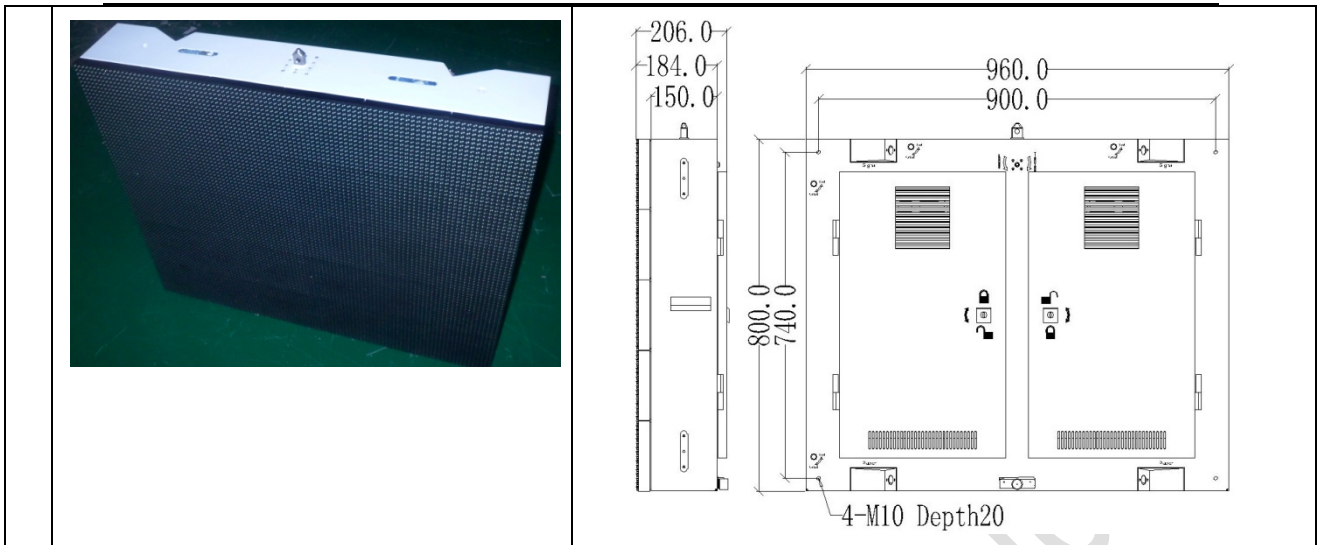
P10 Outdoor Full-color Display Screen

Technical parameters		UNIT	OD10F1R1G1B4S1616
U N I T M O D U L E	Pixel pitch	MM	10
	Panel size	MM	L160XH160X34
	Physical density	/M ²	10000
	Pixel configuration	R/G/B	1,1,1
	Driving method		1/4Constant current 1/4scan
	LED Encapsulation	DIP	346
	Display resolution	DOTS	16X16=256dots
	Module weight	KG	0.4
	Module port		HUB75
	Module working voltage	VDC	5
Module consumption	W	21	

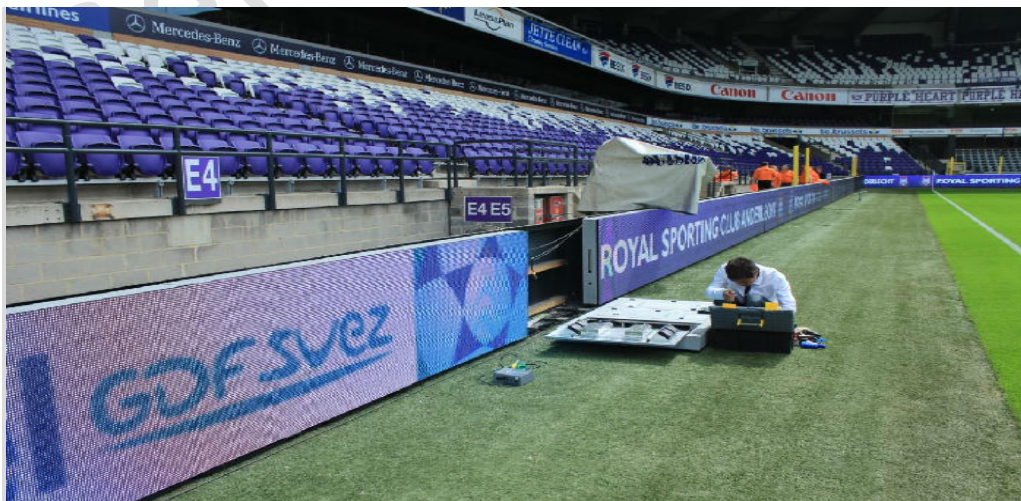


SPECIFICATION	Option distance	M	10-110
	Every square metre module	PCS	39
	Viewing angle	Deg.	H110 V50
	Maximum power	W/ M ²	900
	Driving device		5024
	Frame Frequency	HZ/S	≥60
	Refresh frequency	HZ/S	≥400
	Equilibrium brightness	CD/ M ²	≥6500
	Working environment temperature	°C	-20~60
	Working environment humidity	RH	10%~90%
	Display working voltage	VAC	AC46 ~ 54HZ, 220V±15%/110V±15%
	Colour temperature		6500K-9500K
	Gray scale/color		≥16.7M color
	Input signal		RF\ S-Video\ RGB etc
	Control system		PCTV non-linearity card+DVI display card+Linsn control system
	Mean free error time	HOURS	>5000
	Life	HOURS	100000
	Lamp failure frequency		<0.0001
	Antijam		IEC801
	Safety		GB4793
Resist the electricity		1500V last 1minNo breakdown	
Cabinet weight	KG/ M ²	50 (standard Cabinet)	
Earth leakage current	ma		
IP grade		The back IP43, The front IP65	
Cabinet size	mm	L960Xh800x150	

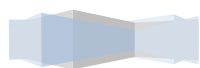




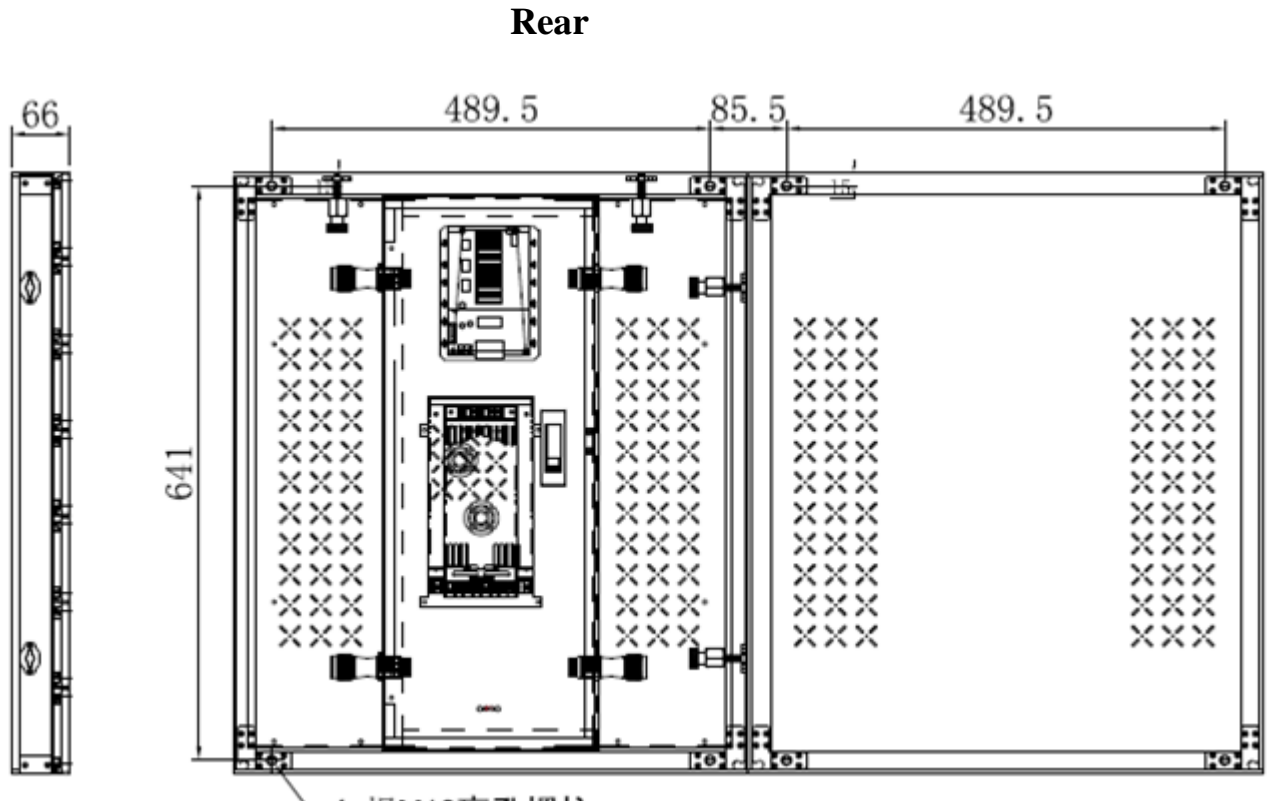
Outdoor Advertisement



Stadium display



1.1.4 Installation Diagram



1.1.5 Contact Us

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