

Specification of LED modules

Product : P3(2020)-16x64pixel-48x192mm-16S-indoor

PN : LMD-P3-1R4C-16S

(1) Picture



(2) LED SPEC.


No.	Item	Description
1	LED spec.	3In-1 SMD2020 LED
2	LED Pitch	3mm

(3) MODULE SPEC.

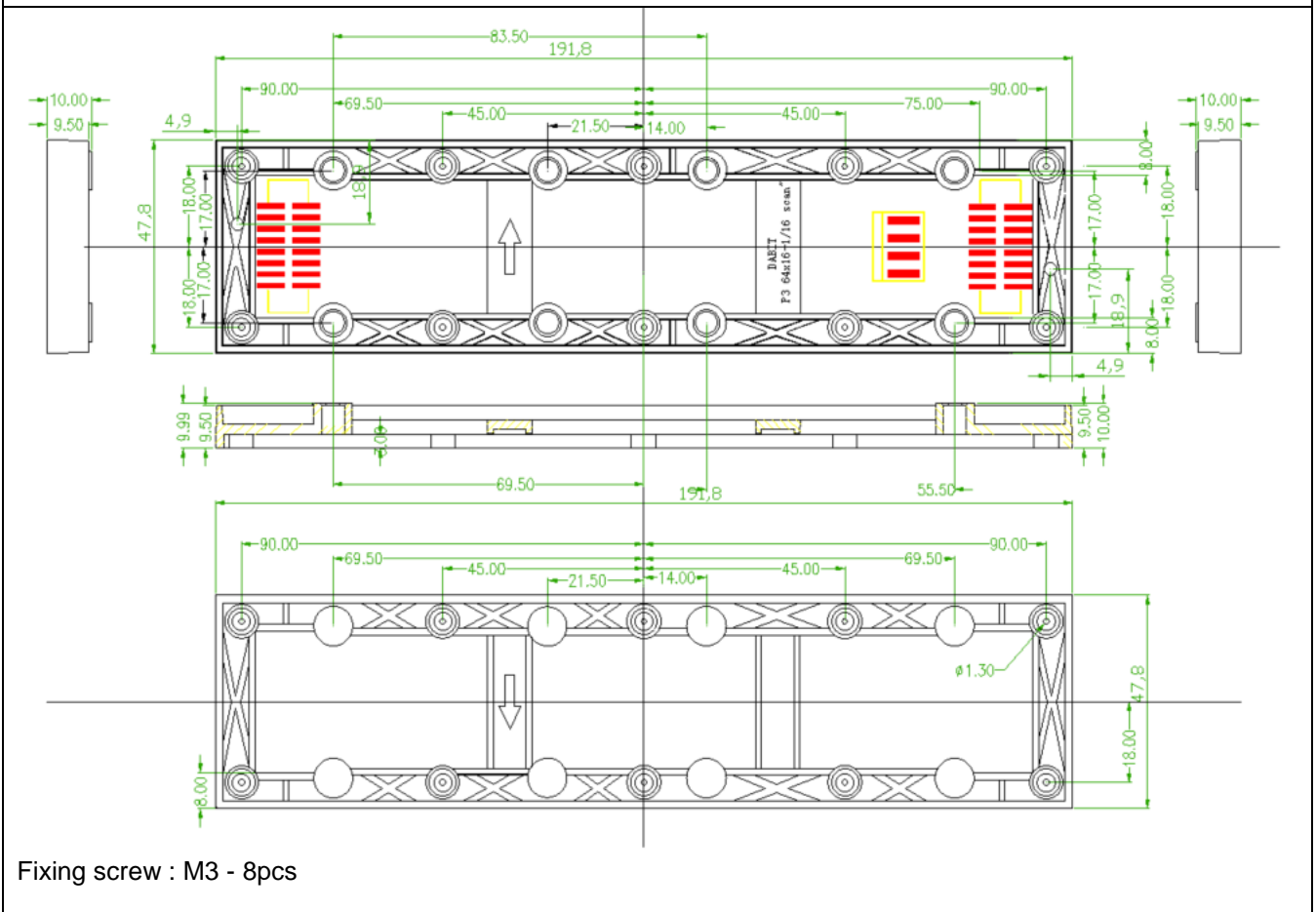
Size(Height x Width x Depth)	48 x 192 x 12.2mm
Pixels	16 x 32 dots
Density (dots/m ²)	111,111 dots/m ²
Weight (Kg)	0.095 kg
Brightness	900 cd/m ²
Connecter type	HUB75, 16pin
Driving method	1/16duty Constant current method
View angle	Horizontal: ≥140 degree , Vertical: ≥140 degree
Best view distance	3 ~ 11M
Color	R,G,B 4096Gray
Display color	4096*4096*4096
Life span	>8000 hours
Voltage	DC5V
Power consumption (Max.)	≤ 6 W/pc
Average power	≤ 3 W/pc (when displaying text only)
Power per 1m ² (Max.)	651 W/m ²
Average power per 1m ²	326 W/m ² (when displaying text only)

Working temperature	-20°C ~ 60°C
Working humidity	10% ~ 90%RH

(4) Pin map of the data connector

Pin Map (J1)	Pin No.	Pin Name	Pin No.	Pin Name
	1	RD1	2	GD1
	3	BD1	4	GND
	5	RD2	6	GD2
	7	BD2	8	GND
	9	A	10	B
	11	C	12	P-ON-OUT,
	13	CLK	14	LATCH
	15	OE	16	GND

(5) Drawing of the frame



Display Signal Type: **16D-P16D1S21**, Refer to "[Protocol Simulator Manual, A-7. How to set LED Display Signal](#)"