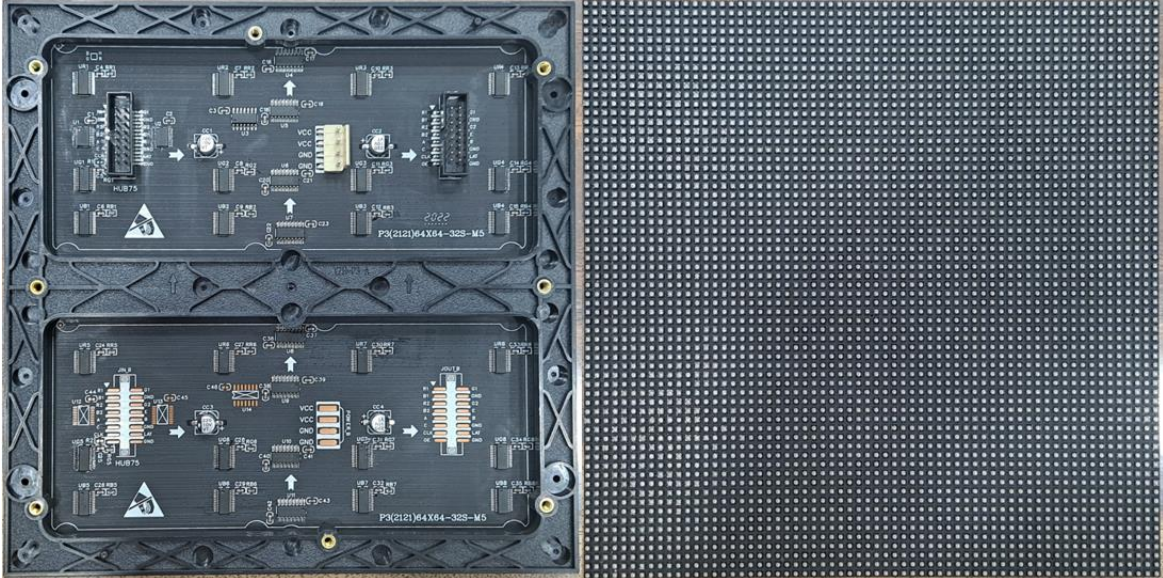


# Specification of LED modules

Product : P3(2020)-64x64pixel-192x192mm-32S-indoor

PN : **LMD-P3-4R4C-32S**

## ( 1 ) Picture



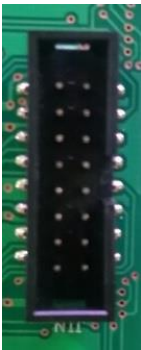
## ( 2 ) LED SPEC.

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

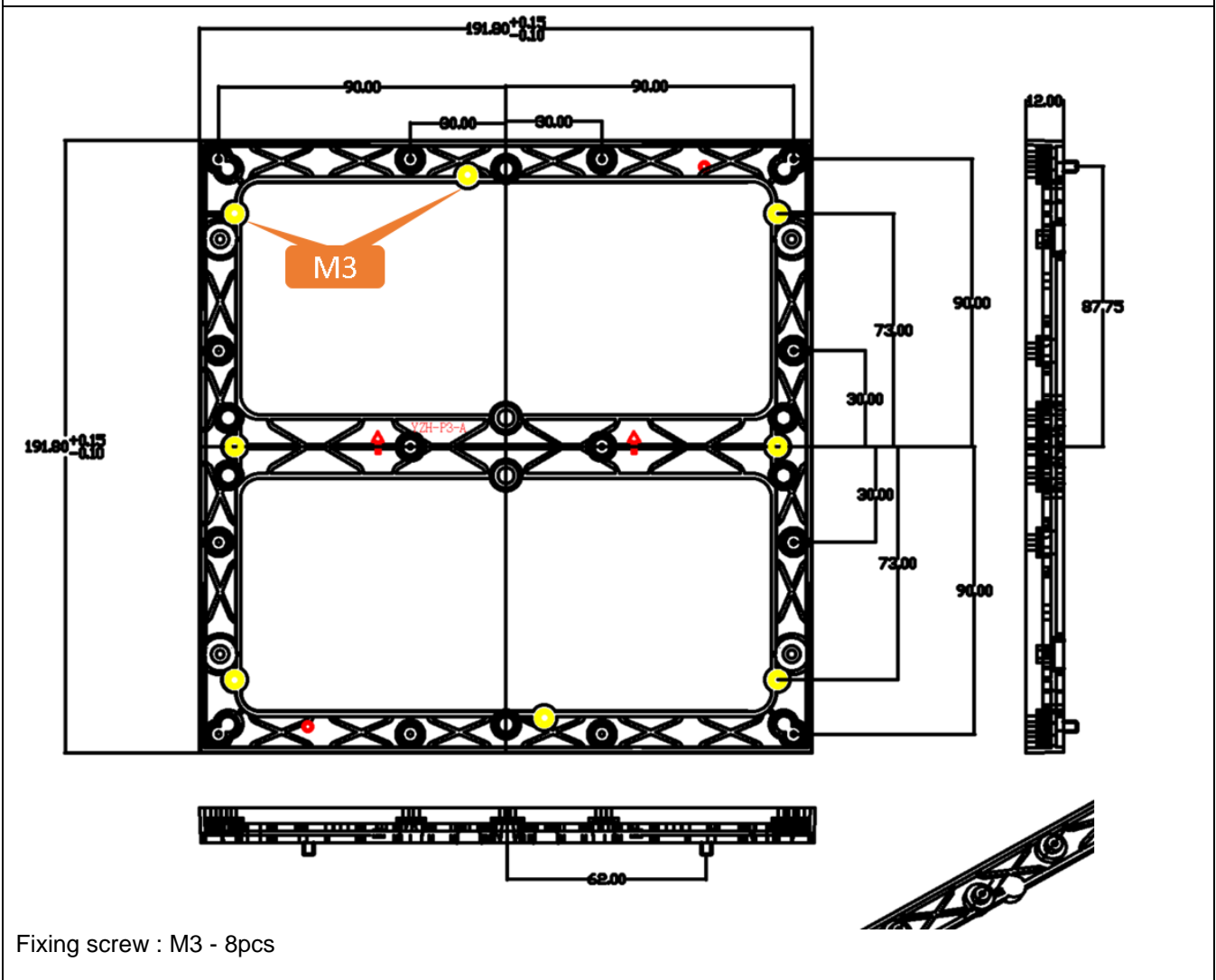
## ( 3 ) MODULE SPEC.

Size(Height x Width x Depth)	192 x 192 x 14.2mm
Resolution (H x W)	64 x 64 dots
Density ( dots/m <sup>2</sup> )	111,111 dots/m <sup>2</sup>
Weight ( Kg )	0.213 kg
Brightness	900 cd/m <sup>2</sup>
Connecter type	HUB75, 16pin
Driving method	<b>1/32</b> Scan
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.)	≤ 29 W/pc
Average power	≤ 16 W/pc (when displaying text only)
Power per 1m <sup>2</sup> (Max.)	787 W/m <sup>2</sup>
Average power per 1m <sup>2</sup>	393 W/m <sup>2</sup> (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: **32D-P16D1S11**, Refer to "[Protocol Simulator Manual, A-7. How to set LED Display Signal.](#)"  
 To use this "1/32 scan rate" of LED module, hardware modification of LMD controller is required.