

# GOB/SMD SERIES

# 640X480

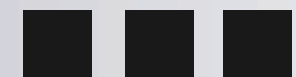




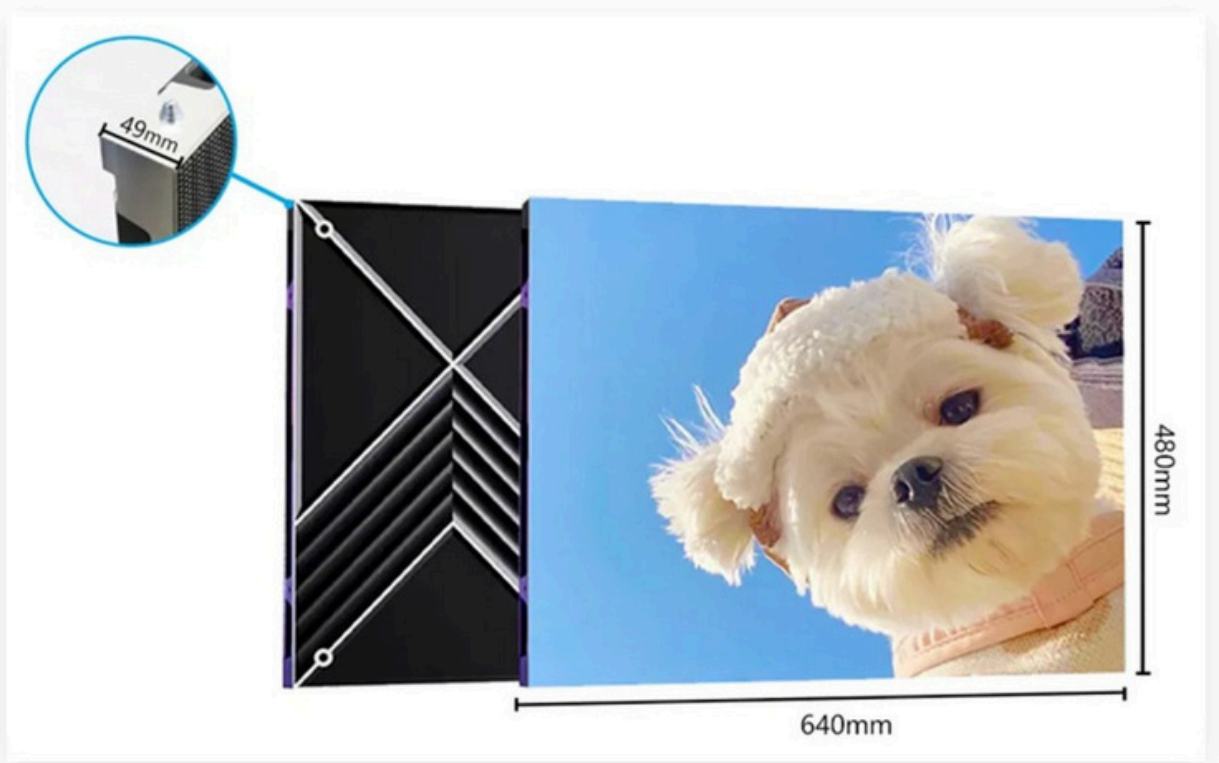
# Introduction

Maxtell (India), a pioneering company in the Indian AV and collaboration solutions industry, presents their core expertise and strength, the award-winning audio-visual integration systems for all environments, platforms and industries. Our AV integration services encompass audio-visual services, including design, supply, installation, integration, monitoring and maintenance services, a bouquet with which we create a customized service for your business. Our experience lies across industries, such as government, corporate, hospitality, manufacturing, telecom, automobile, health, educational sectors, and disc, and lounges, hotels.

First company in India who assembled Multiple LED Products in own brand. • Product installation in all the range (led wall ,stage lights ,led kiosk ,signage, standees) • Service problem liquidation and care ,We strongly believe that satisfaction of our customers is the key to our success and hence we are dedicated to earn the same. At Maxtell (India), we incorporate the very latest and highest in audio and video technologies to deliver an admirable experience to make sure you get attended to on time, on site and with positive results.



# About GOB/SMD



## Product Specifications

Cabinet size: 640\*480\*49mm

**16:9 Golden Ratio**

FHD/4K Pixel to Pixel Resolutions



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*We are dedicated to designing innovative, functional, and high-quality environments that inspire and elevate experiences. With a strong commitment to excellence, sustainability, and smooth execution, our goal is to establish ourselves as a trusted leader in the industry, transforming spaces with elegance, comfort, and precision.*

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# Cabinet Features :



**Cabinet Size :640x480mm**

# Applications

# Applications



# Applications



# Applications



## TECHNICAL SPECIFICATIONS

Parameter	MX012	MX015	MX018	MX020	MX025	MX040
Pitch (Indoor)	1.25mm	1.538mm	1.86mm	2mm	2.5mm	4mm
Packing Technology	SMD 1010 GOB	SMD 1212/1010 GOB	SMD 1515/1212/1010 GOB	SMD 1515/2020 GOB	SMD 2121 GOB	SMD 2121/2020 GOB
Cabinet Size	640x480mm	640x480mm	640x480mm	640x480mm	640x480mm	640x480mm
Cabinet Resolutions	512x384	416x312	344x256	320x240	256x192	160x120
Cabinet Weight	7.5kg	7.5kg	7.5kg	7.5kg	7.5kg	7.5kg
Module Resolution	256 x 128	208 x 104	172 x 86	160 x 80	128 x 64	80 x 40
Module Dimension (mm*mm)	320 x 160mm	320 x 160mm	320 x 160mm	320 x 160mm	320 x 160mm	320 x 160mm
Pixel Density (Pixel/m <sup>2</sup> )	640000	422500	288906	250000	160000	62500
IP Grade	IP-30	IP-30	IP-30	IP-30	IP-30	IP-30
Life Typical Value (HRS)	100000H	100000H	100000H	100000H	100000H	100000H
Contrast Ratio	5000:1	4500:1	5000:1	4000:01	4000:1	5000:1
Standard Color Temperature	3000~38000 Ajustable	3000~38001 Ajustable	3000~38002 Ajustable	3000~38003 Ajustable	3000~38004 Ajustable	3000~38005 Ajustable
Maintenance	Front	Front	Front	Front	Front	Front
Processing Depth	12~14 Bit	12~14 Bit	12~14 Bit	12~14 Bit	12~14 Bit	12~14 Bit
Single Module Curent (A)	5	4	4	4	2,6	4
HDR Compatible	HDR10/HDR+ /HDR10 Pro	HDR10/HDR+ /HDR10 Pro	HDR10/HDR+ /HDR10 Pro	HDR10/HDR+ /HDR10 Pro	HDR10/HDR+ /HDR10 Pro	HDR10/HDR+ /HDR10 Pro
Brightness of White Balance (nit)	600-800 cd/m2	700-900 cd/m2	700-900 cd/m2	800-1000 cd/m2	900/1200 cd/m2	1000-1500 cd/m2
Horizontal/Vertical Viewing Angle	≥140°	≥140°	≥140°	≥140°	≥140°	≥140°
Max Power Consumption (W/m <sup>2</sup> )	700-900	600-800	500-700	450-600	350-500	250-400
Average Power Consumption (W/m <sup>2</sup> )	250-350	200-300	180-250	150-220	120-180	80-150
Deviation of LED Luminance center	<3%					

Parameter	MX012	MX015	MX018	MX020	MX025	MX030	MX040
Power Supply	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Sweep Mode (S)	64	52	43	40	32		26
Refresh Rate (Hz)	3840						
Frame Rate	50&60						
Drive Mode	Constant-current Drive 64S	Constant-current Drive 52S	Constant-current Drive 43S	Constant-current Drive 40S	Constant-current Drive 64S	Constant-current Drive 52S	Constant-current Drive 20S
Gray Scale (bit)	14~16						
Color Temperature	3000-10,000K Adjustable						
Working Temperature(°C)	0~40						
Operating Temperature(RH)	-10°C to +60°C						
Storage Temperature(°C)	-10~50						
Operation Humidity(RH)	10-90% RH						
Storage Humidity(RH)	10~85						
Drive IC	2038						
Unit Area(m <sup>2</sup> )	0.0512						
Brightness Uniformity	≥97%						
Power Supply Requirements (V)	5V						



# MAXTELL INDIA

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