

OUTDOOR SERIES

640X640

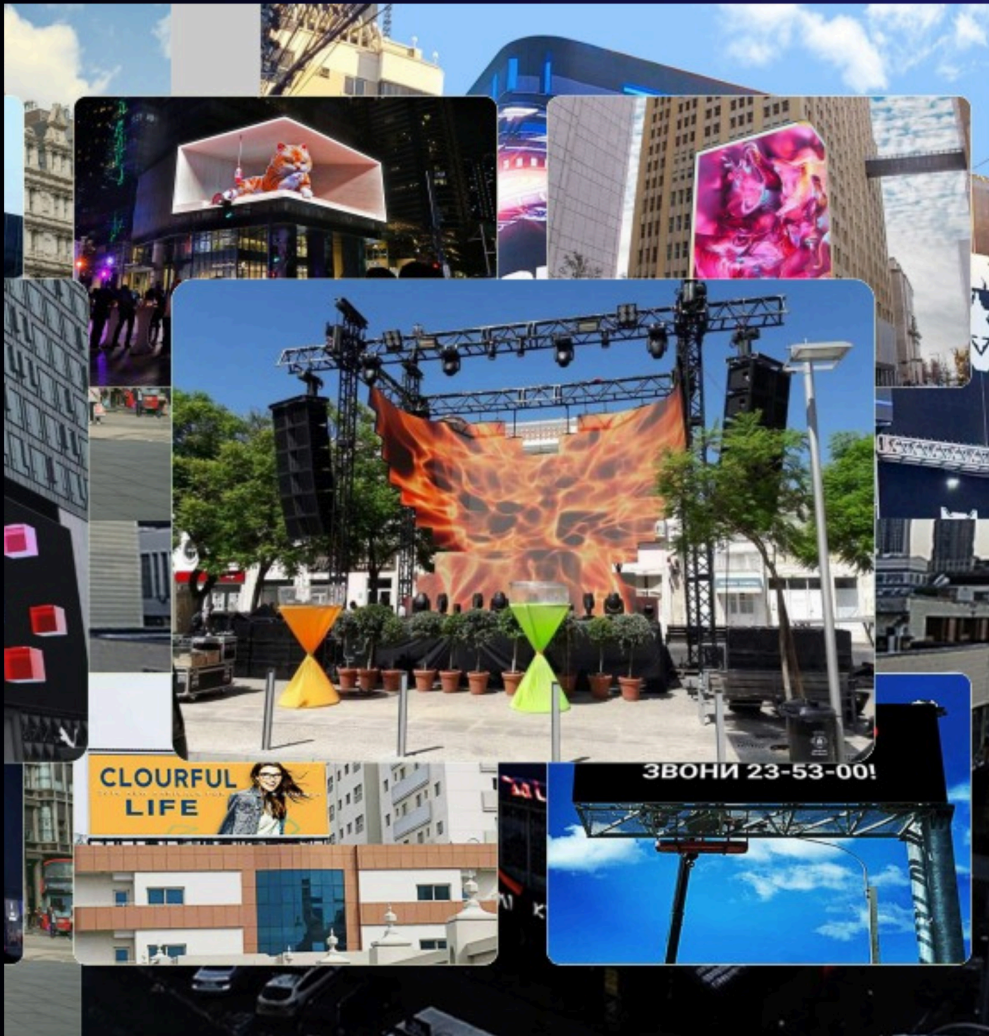
BUILT TO PERFORM. MADE TO IMPACT.



OPERATES IN EXTREME CONDITIONS

-20°C to +50°C





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.

- 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.

Cabinet Features



“The 640x640mm outdoor LED cabinet is designed for fixed outdoor installations. It features large pixel options, a perfect design with full front service access for LED modules, power supplies, and control cards. The cabinet is lightweight, made from die-cast aluminium, ensuring excellent flatness and strong durability.”



Our Mission & Vision

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.

Applications



Applications



SPECIFICATION SHEET



OUTDOOR SERIES 640X640

Pixel Pitch	2.5mm	3.076mm	4mm	5mm	6.67mm	8mm	10mm
 Packing Technology	SMD2121	SMD1921	SMD1921	SMD1921	SMD2727	SMD3535	SMD3535
 Cabinet Size	640 X 640 mm						
 Cabinet Resolution	256 X 256	208 X 208	160 X 160	128 X 128	96 X 96	80 X 80	64 X 64
 Cabinet Weight	14 kg						
 Module Resolution	128 X 64	104 X 52	80 X 40	64 X 32	48 X 24	40 X 20	32 X 32
 Module Dimension (mm)	320 X 160						
 Pixel Density (px/m²)	160000	105688	62500	40000	22500	15625	10000
 IP Grade	IP65						
 Refresh Rate	3840 Hz						
 Life Span	100000 H						
 Contrast Ratio	5000:1	5000:1	4000:1	4000:1	4000:1	4000:1	3000:1
 Standard Color Temp.	6500 K						
 Processing Depth	14~16 Bit	14~16 Bit	14~16 Bit	13~16 Bit	13~15 Bit	12~14 Bit	12~14 Bit
 Single Module Current	~5~6 A	~5 A	~5 A	~4~5 A	~5 A	~6 A	~6 A
 Driving IC	ICN5153						
 Brightness	5500 – 6000 nits						

H/V Viewing Angle	≥140°						
Max. Power Consumption	800-1000 (w/m^2)	800 (w/m^2)	900 (w/m^2)	800-1000 (w/m^2)	900 (w/m^2)	1000 (w/m^2)	1000 (w/m^2)
Avg. Power Consumption	250-300 (w/m^2)	250 (w/m^2)	300 (w/m^2)	250-300 (w/m^2)	300 (w/m^2)	350 (w/m^2)	350 (w/m^2)
Deviation of LED Luminance Center	≥3%	≥3%	≥10%	≥10%	≥10%	≥10%	≥10%
Power Supply	TBD						
Sweep Mode	1/16	1/13	1/10	1/8	1/8	1/5	1/4
Refresh Rate (Hz)	≥3840	≥3840	≥1920-3840	≥1920-3840	≥1920-3840	≥1920	≥1920
Frame Rate	50 & 60						
Viewing Distance	≥2.5m	≥3m	≥4m	≥5m	≥6-7m	≥8m	≥10m
Color Temperature	3000-10,000k Adjustable						
Working Temperature	0-40°C						
Operating Temperature	-20°C to +50°C						
Storage Temperature	-10~50°C						
Operation Humidity	10~80%						
Storage Humidity	10-85						
Drive IC	2038						
Unit area	0.0512						

Get In Touch



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Head Office

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Mumbai Office

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