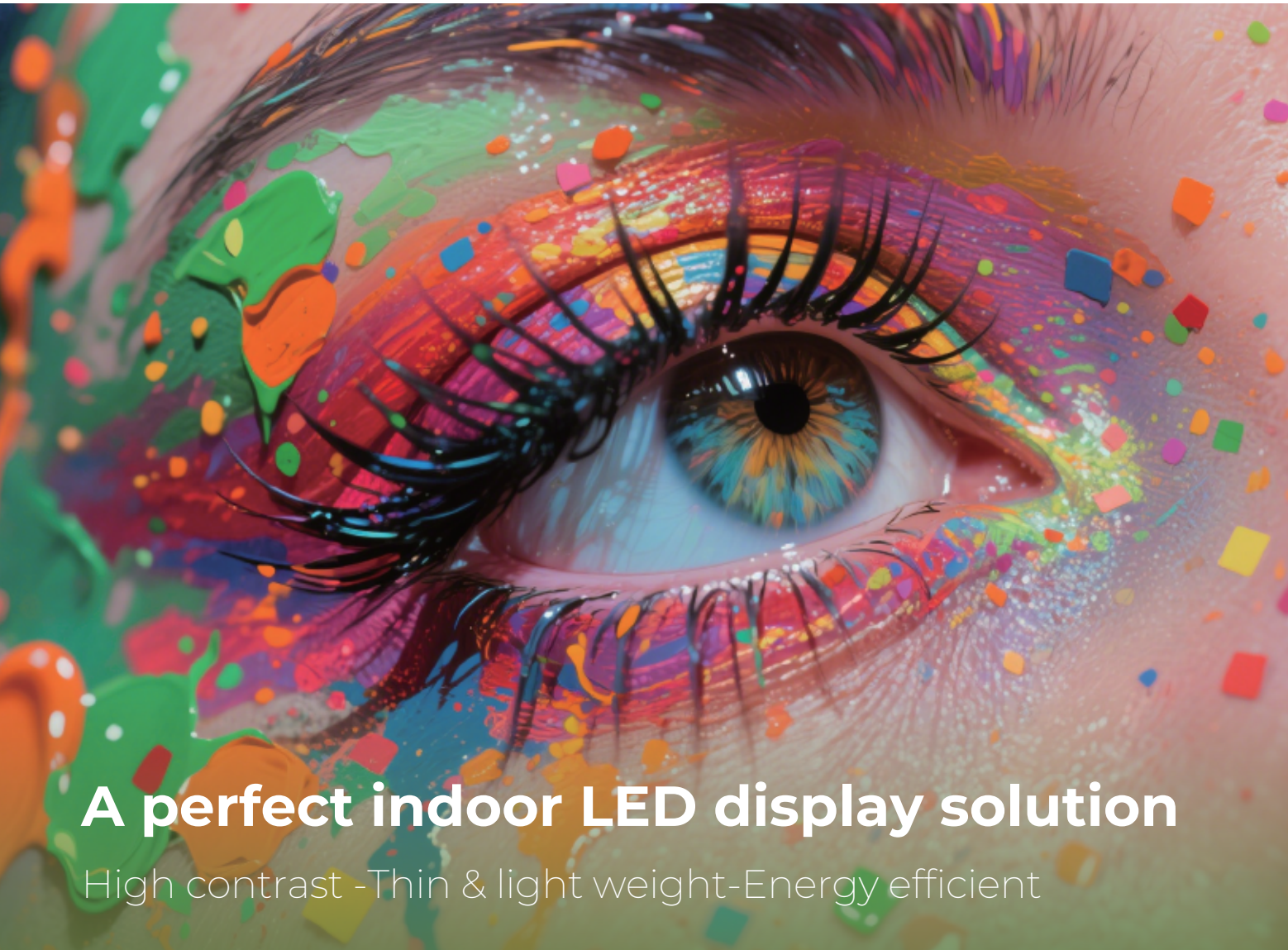


XTREME COB Series



A perfect indoor LED display solution

High contrast -Thin & light weight-Energy efficient

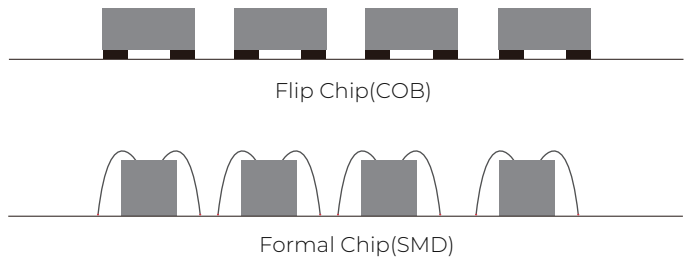
XTREME COB Series LED Display delivers exceptionally high-resolution images and vibrant colours. With pixel pitches as narrow as P0.78mm, this superfine pitch solution offers unparalleled opportunities for advertising, digital broadcasting, and marketing events, providing astonishing visual detail. The Series features an ultraslim 29mm panel depth and front-serviceability, ensuring optimal flexibility and convenience for both installation and maintenance. Ideal for indoor public and commercial broadcasting environments, such as shopping malls, hotels, galleries, cinemas, and event venues.

XTREME COB Series

Features

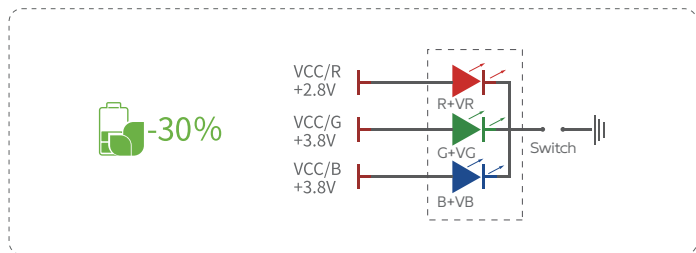
Chip-on-Board (COB)

technology eliminates traditional wires, LEDs direct mounted on the display, leading:

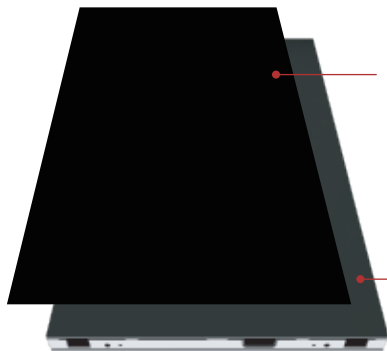


Energy saving up to 30%

- Cooling running
- Longer lifespan
- Sleek profile



20,000:1
Enhance
Contrast



Ultra-black Nano
Coating Technology

COB Layer

Ultra-black Nano Coating Technology:

- Resist reflection
- Enhance contrast (20,000:1)
- Richer colour – deeper black

Encapsulated in a nano-optical polymer:

- Anti-collision
- Moisture resistant
- Anti-oxidation
- Dust resistant
- Anti-static

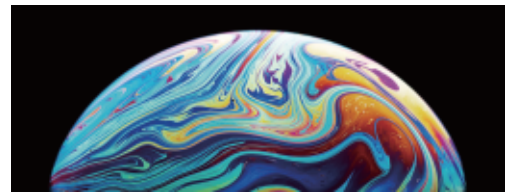


XTREME COB Series

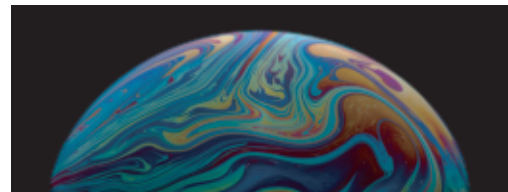
Features

Superior Image Quality

- Superfine pitch solution-pixel pitches as narrow as P0.78mm
- Wide viewing angles (160o)
- Wider colour gamut
- Enhance contrast (20,000:1)
- Brightness up to 800 nits
- Refresh rate up to 7,680 Hz



XTREME COB Series



Normal LED Display

AI Enhances Productivity



Malfunction
Monitoring



Environmental
Monitoring



Alert
Systems



Cabinet Dimension



Applications



Shopping malls



Cinemas



Hotels



Event venues



Galleries

XTREME COB Series

General Information

Items	X0.78
Pixel Pitch	0.78 mm
Pixel Density	1,638,400 dots/m ²
Module Dimension (WxH)	150x168.75 mm
Module Resolution	192x216
Cabinet Dimension (WxHxD)	600x337.5x29.2 mm
Cabinet Resolution	768x432
Cabinet Weight	4.3 kg/pc
Cabinet Materials	Die-cast Aluminium
Refresh Rate	7,680 Hz
Gray Scale	16 bit
Viewing Angle	H 160° / V 160°
Scanning Method	1 / 72
Max. Power Consumption	275 W/m ²
Avg. Power Consumption	190 W/m ²

Items	X0.78 / X0.93 / X1.25 / X1.56
LED Type	COB
Colour Temperature	3,000-15,000K
Brightness	600 nits(800 nits optional)
Contrast Ratio	20,000:1
Ingress Protection	IP 65
Maintenance	Front Access
Working Temperature	-20°C to + 45°C
Storage Temperature	-20°C to + 60°C
Storage Humidity	10-90% RH(No Condensation)
Input Voltage	Input Voltage AC 100-240V

Items	X0.93	X1.25	X1.56
Pixel Pitch	0.93 mm	1.25 mm	1.56 mm
Pixel Density	1,137,777 dots/m ²	640,000 dots/m ²	409,600 dots/m ²
Module Dimension (WxH)		150x168.75 mm	
Module Resolution	160x180	120x135	98x108
Cabinet Dimension (WxHxD)		600x337.5x29.2 mm	
Cabinet Resolution	640x360	480x270	384x216
Cabinet Weight		4.3 kg/pc	
Cabinet Materials		Die-cast Aluminium	
Refresh Rate	5,040 Hz	7,680 Hz	7,680 Hz
Gray Scale		14 bit	
Viewing Angle	H 160° / V 115°	H 160° / V 120°	H 160° / V 130°
Scanning Method	1 / 54	1 / 60	1 / 54
Max. Power Consumption	350 W/m ²	250 W/m ²	250 W/m ²
Avg. Power Consumption	175 W/m ²	160 W/m ²	140 W/m ²



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