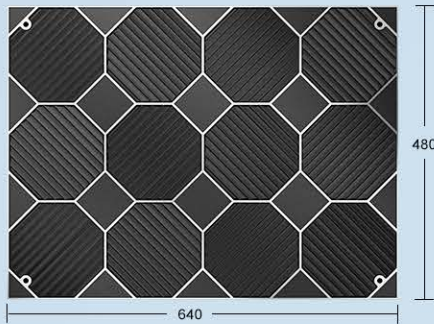**THINKSTV®**

K-640 SERIES

3RD GENERATION CABINET

Handy/Simple/Smart/High CP value

480

640

⊢48.5⊣ Unit: mm

INTRODUCTION

K-640 Series has the frame of honeycomb. The cabinet is made precisely through CNC machines, and is capable to keep firm in structure when under stress, and dissipate heat quickly.

Inside the structure, all modules are mounted directly, cordlesly. It also allows redundancy system and PSU unit.

ASSEMBLY VIEW

K-640 Series cabinets are easy and simple to put up in various installtion environments, saving time and costs.
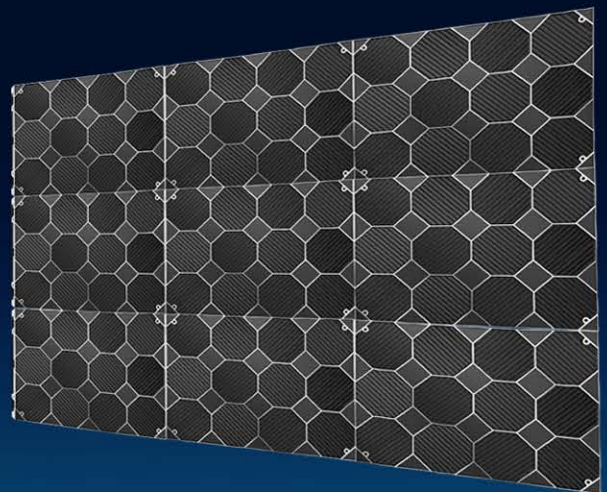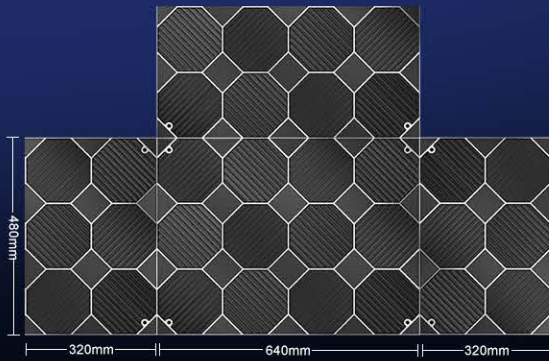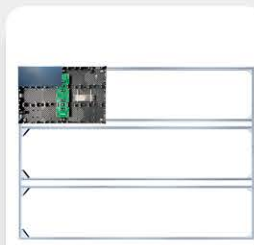
CUSTOMIZED DESIGN

K-640 Series is also tailor-made for specific demands in sizes. which, currently supports only seperated connection of power and signal ports.

480mm

320mm 640mm 320mm

INSTALLATION GUIDE

| Wall surface mount | All-in-One frame mount | Bevel angle install | H-Shaped frame mount | Suspended mount |

SPECIFICATIONS

Item	K1.25	K1.53	K1.86	K2.5
Pixel pitch	1.25mm	1.53mm	1.86mm	2.5mm
Pixel density	640000	425000	288906	160000
Module size		320x160mm		
LED package	SMD1010	SMD1212	SMD1515	SMD2020
Module resolution(pixels)	256x128	208x104	172x86	128x64
Module arrangement per cabinet		2x3		
Cabinet dimension		640x480x48.5mm		
Cabinet weight (including module)		7.5kg		
Cabinet resolution (pixels)	512x384	416x312	344x258	256x192
Maintenance		Full front service		
System backup		Support		
White balance brightness		500-600cd/m²		
Pixel-level calibration		Support		
Color temperature		6500K (adjustable)		
Refresh rate		3840Hz		
Viewing angle		120-140°(V/H)		
Brightness uniformity		≥98.5%		
Grayscale level		14-16bits		
Contrast ratio		5000:1		
Scanning mode	1/64	1/52	1/43	1/32
Working voltage (input)		110-240V, 50/60Hz		
Max./Avg. power consumption		500W/m²/165-260W/m²		
Storage temperature&humidity (RH)		-10°C-60°C&35-75%		
Working temperature&humidity (RH)		-10°C-60°C&35-75%		
IP ratings		IP5X		
Screen temperature rise		≤5°C		
Installation		On-wall/recessed/pedestal/suspended/stacked install		
Signal output		HDMI/DVI/DP		
Certification		RoHS/FCC/CE		

THINKSTV®

T-600 SERIES

3RD GENERATION CABINET

T-600 SERIES AS THE MOST POPULOR CHOICE

337.5

600
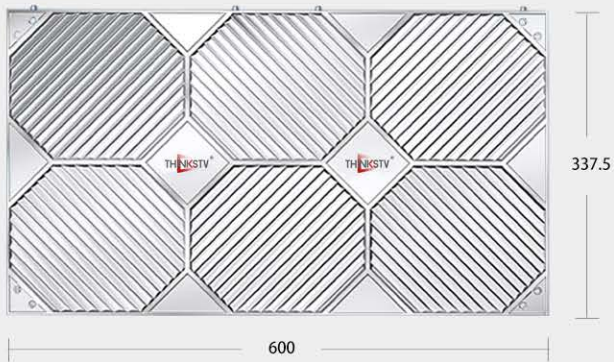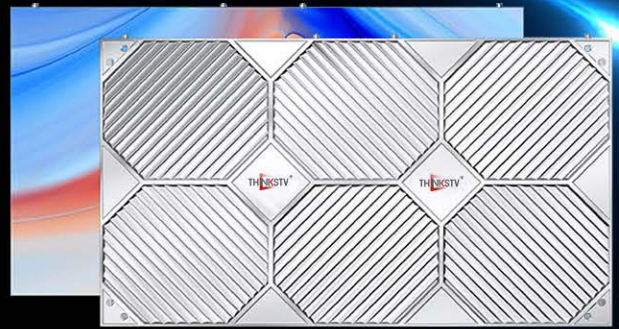
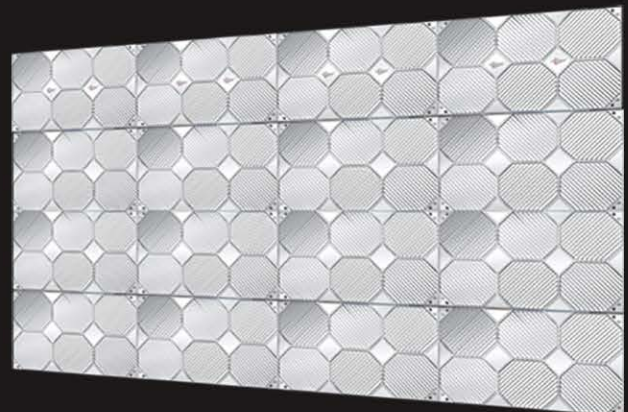52   Unit: mm

INTRODUCTION

HDR

Redundancy system

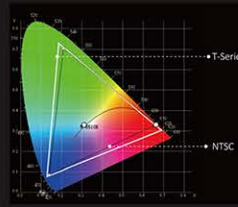16:9; pixel-to-pixel display

ASSEMBLY VIEW

T-600 Series cabinets are designed with 4 location pins atop and 2 more spring ball plungers on side, which, as a result, make installation pleasantly easy and convenient.

HIG DYNAMIC RANGE (HDR)

In comparison with SDR, HDR shows wider color range between black and white, which means richer colors and higher contrast ratios.
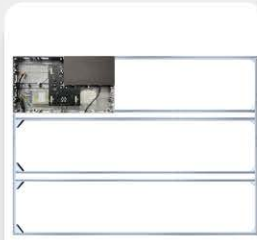
Wide gamut color

HDR

INSTALLATION GUIDE

Wall surface mount

All-in-One frame mount

Curve-shpaed install

H-Shaped frame mount

Suspended mount

SPECIFICATIONS

Item	T0.93	T1.25	T1.56	T1.87
Pixel pitch	0.93mm	1.25mm	1.56mm	1.87mm
Pixel density	1137778	640000	409600	285204
Module size		300x168.75mm		
LED package	MiniLED	SMD1010	SMD1212	SMD1515
Module resolution(pixels)	320x180	240x135	192x108	160x90
Module arrangement per cabinet		2x2		
Cabinet dimension		600x337.5x52mm		
Cabinet weight (including module)		6.9kg		
Cabinet resolution (pixels)	640x360	480x270	384x216	320x180
Maintenance		Full front service		
System backup		Support		
White balance brightness		400-600cd/m²		
Pixel-level calibration		Support		
Color temperature		6500K (adjustable)		
Refresh rate		3840Hz		
Viewing angle		120-140°(V/H)		
Brightness uniformity		≥98.5%		
Grayscale level		14-16bits		
Contrast ratio		5000:1		
Scanning mode	1/60	1/60	1/64	1/45
Working voltage (input)		110-240V, 50/60Hz		
Max./Avg. Power consumption		500W/m²/165-260W/m²		
Storage temperature&humidity (RH)		-10°C-60°C&35-75%		
Working temperature&humidity (RH)		-10°C-60°C&35-75%		
IP ratings		IP5X		
Screen temperature rise		≤5°C		
Installation		On-wall/recessed/pedestal/suspended/stacked install		
Signal output		HDMI/DVI/DP		
Certification		RoHS/FCC/CE		

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N360 SERIES

2ND GENERATION CABINET

Ultra thin/Super lightweight/Streamlined

360

640

30
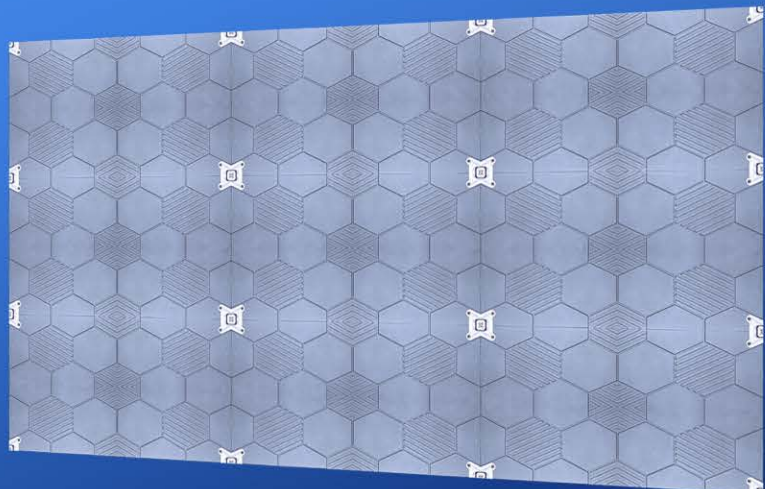
Unit: mm
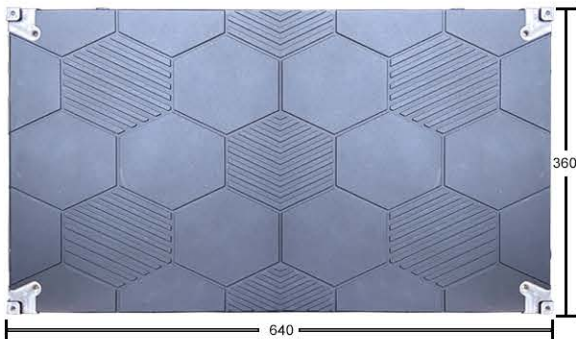
INTRODUCTION

Lightweight

Slim

Precision

16:9

THINKSTV®

ASSEMBLY VIEW

N360 Series cabinets are thin and lightweight, suitable for specific demand like in precision, weight, thickness, specially for recessed mount on wall surface.
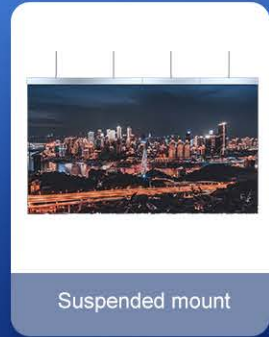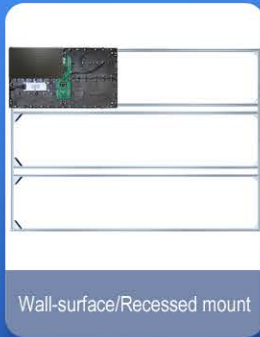
TECHY CHOICE

N360 Series can be applied technically, like in 3D effect application, with aspect ratio of 16:9.

Instalation guide

| Wall-surface/Recessed mount | All-in-One frame mount | H-Shaped frame mount | Suspended mount |

Specifications

Item	N1.25	N1.53	N1.86
Pixel pitch	1.25mm	1.53mm	1.86mm
Pixel density	640000	427180	289000
Module size		320x180mm	
LED package	SMD1010	SMD1212	SMD1515
Module resolution(pixels)	256x144	208x116	172x96
Module arrangement per cabinet		2x2	
Cabinet dimension		640x360x30mm	
Cabinet weight (including module)		5.5kg	
Cabinet resolution (pixels)	512x288	416x234	344x192
Maintenance		Full front service	
System backup		Support	
White balance brightness		500-600cd/m^2	
Pixel-level calibration		Support	
Color temperature		6500K (adjustable)	
Refresh rate		3840Hz	
Viewing angle		120-140°(V/H)	
Brightness uniformity		≥98.5%	
Grayscale level		14-16bits	
Contrast ratio		5000:1	
Scanning mode	1/64	1/58	1/48
Working voltage (input)		110-240V, 50/60Hz	
Max./Avg. Power consumption		500W/m^2/165-260W/m^2	
Storage temperature&humidity (RH)		-10°C-60°C&35-75%	
Working temperature&humidity (RH)		-10°C-60°C&35-75%	
IP ratings		IP5X	
Screen temperature rise		≤5°C	
Installation		On-wall/recessed/pedestal/suspended/stacked install	
Signal output		HDMI/DVI/DP	
Certification		RoHS/FCC/CE	

S480 SERIES DISPLAY SCREEN

Lightweight/Handy/Smart/XR

480

480

50 | Unit: mm
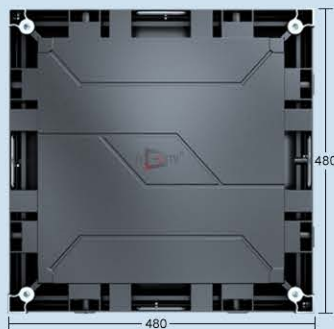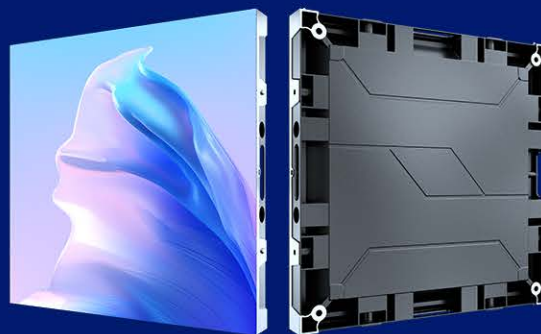
INTRODUCTION

Designed as 1:1 aspect ratio, S-Series is really a flexible one to make indoor led screen built up with ease, and in various ways.
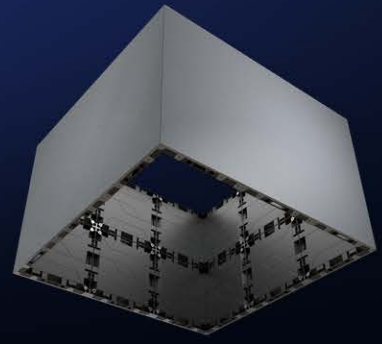
INSTALLATON

This series provides a complete installation solution with square repair plates and hex-head bolts, which enables users to install the cabinets from either behind the back or the front.
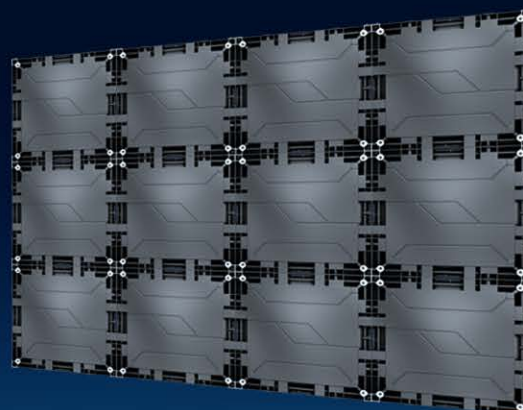
SPESICAL DEMAND

This S-480 Series is a response to speical demands on LED display market, such as square-shaped led screens, irregular forms of led screens, etc.
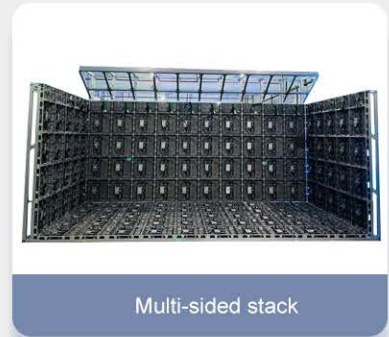
INSTALLATION GUIDE

| Right-Angle corner stack	H-Shaped frame mount	Multi-sided stack

SPECIFICATIONS

Item	S1.57	S1.87	S2.5
Pixel pitch	1.57mm	1.87mm	2.5mm
Pixel density	401111	284444	160000
Module size	240x120mm	240x240mm	240x240mm
LED package	SMD1212	SMD1515	SMD2020
Module resolution(pixels)	152x76	128x128	96x96
Module arrangement per cabinet		2x4/2x2	
Cabinet dimension		480x480x50mm	
Cabinet weight (including module)		6.5kg/pc	
Cabinet resolution (pixels)	304x304	256x256	192x192
Maintenance		Full front service	
System backup		Support	
White balance brightness		400-600cd/m²	
Pixel-level calibration		Support	
Color temperature		6500-8500K (adjustable)	
Refresh rate		3840Hz	
Viewing angle		120-140°(V/H)	
Brightness uniformity		≥98.5%	
Grayscale level		14-16bits	
Contrast ratio		5000:1	
Scanning mode	1/38	1/64	1/32
Working voltage (input)		110-240V, 50/60Hz	
Max./Avg. Power consumption		500W/m²/165-260W/m²	
Storage temperature&humidity (RH)		-10°C-60°C&35-75%	
Working temperature&humidity (RH)		-10°C-60°C&35-75%	
IP ratings		IP5X	
Screen temperature rise		≤5°C	
Installation		On-wall/recessed/pedestal/suspended/stacked install	
Signal output		HDMI/DVI/DP	
Certification		RoHS/FCC/CE	

U-MAX 500 SERIES
6TH GENERATION CABINET

U-Max 500 comes out with brand-new appearance, functionality and tangibility. You must not miss out this opportunity to experience it.

500

500

⊢83⊣ Unit: mm
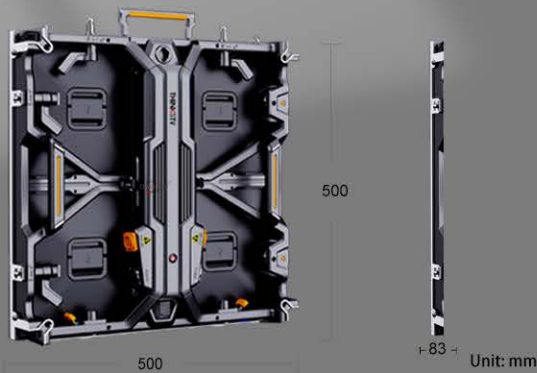
INTRODUCTION

U-Max 500 Series passes throughout its design the idea of super reliability, firm structure, stable performance. For instance, based on human factors and ergonomics, the handles on the sides are structually improved; center of balance of the cabinet is also taken into accounted, both of which are targeted to comsume less lifting power.

ASSEMBLY VIEW

U-MAX 500 cabinets have a curvature wheel engraved -7.5° to +7.5° that pivots so as to let neighbouring cabinets to form small angles **and** make curved formation. So it will meet specific staging designs of certain shapes using led cabinets on the spot.
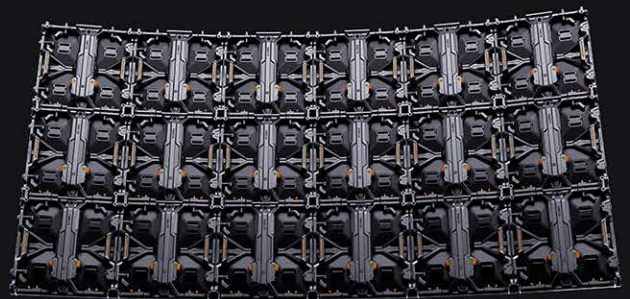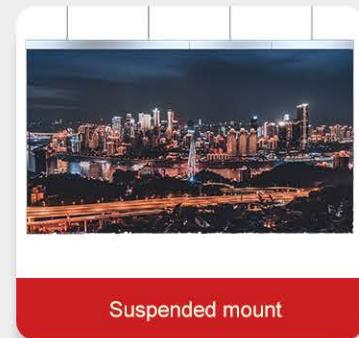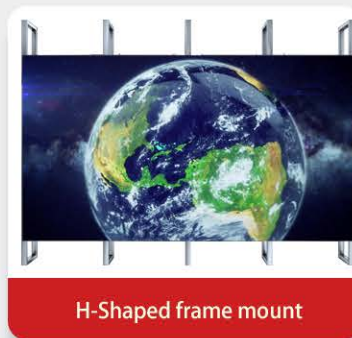
COMFORTABLE RELIABLE

U-MAX 500 Series has comfortable weight and handles so that they can make stage structure building more quick, safe and reliable. And therefore it saves time and cost.
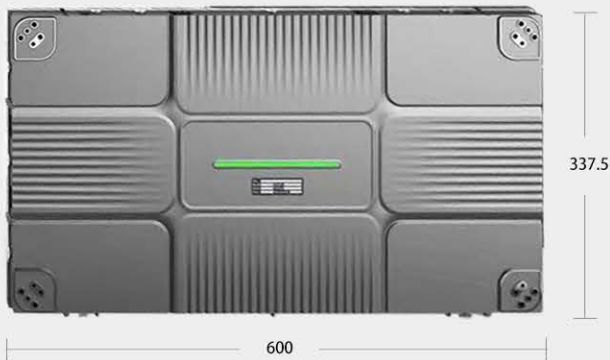

INSTALLATION GUIDE

Ring-Shaped stack

H-Shaped frame mount

Suspended mount

SPECIFICATIONS

Item	U1.95	U2.60	U2.97	U3.91
Pixel pitch	1.95mm	2.60mm	2.97mm	3.91mm
Pixel density	262144	147456	112986	65536
Module size		250x250mm		
LED package	SMD1515	SMD1515	SMD1515	SMD2020
Module resolution(pixels)	128x128	96x96	84x84	64x64
Module arrangement per cabinet		2x2		
Cabinet dimension		500x500x83mm		
Cabinet weight (including module)		7.2kg		
Cabinet resolution (pixels)	256x256	192x192	168x168	128x128
Maintenance		Full front service		
System backup		Support		
White balance brightness		≥800cd/m²		
Pixel-level calibration		Support		
Color temperature		6500K (adjustable)		
Refresh rate		3840Hz		
Viewing angle		140°(V/H)		
Brightness uniformity		≥99%		
Grayscale level		14-16bits		
Contrast ratio		5000:1		
Scanning mode	1/32	1/32	1/28	1/16
Working voltage (input)		110-240V, 50/60Hz		
Max./Avg. Power consumption		400W/m²/250W/m²		
Storage temperature&humidity (RH)		-10°C-60°C&35-75%		
Working temperature&humidity (RH)		-10°C-60°C&35-75%		
IP ratings		IP5X		
Screen temperature rise		≤5°C		
Installation		Suspended/stacked install		
Signal output		HDMI/DVI/DP		
Certification		RoHS/FCC/CE		

MICRO-COB SERIES

Micro-COB **Series covers pixels of** 0.7mm, 0.9mm, 1.2mm, 1.5mm, to provide 4k/8K video **quality.**


337.5

600

30   Unit: mm

INTRODUCTION

Lightweight

Tangibility

Smoothness

Mixed ways of installation with multiple magnetic openings on backside
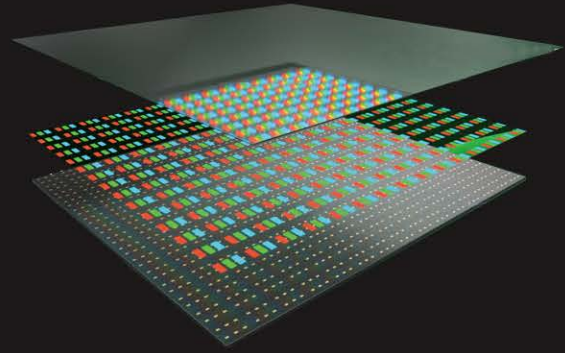
Redundancy system

ASSEMBLY VIEW

Micro-COB Series is consisted of modular, independent parts, and LED modules and PSU are connected cordlessly through the HUB board, therefore ensuring screen flatness to a great extent.
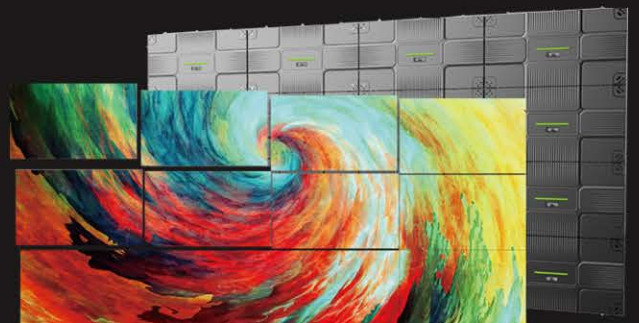
FLIP CHIP Micro-COB

- Long lifespan
- High IP rating
- Modular design
- Screen surface flatness
- Performance optimization

INSTALLATION GUIDE

| Wall surface/recessed mount | All-in-One frame mount | Curve-Shaped install | H-Shaped frame mount | Suspended mount |

SPECIFICATIONS

Item	COB0.78	COB0.93	COB1.25	COB1.56
Pixel pitch	0.78mm	0.93mm	1.25mm	1.56mm
Pixel density	1638400	1137778	640000	409600
Module size	150x168.75mm			
LED package	Flip-chip COB	Flip-chip COB	Flip-chip COB	Flip-chip COB
Module resolution(pixels)	192x216	160x180	120x135	96x108
Module arrangement per cabinet	4x2			
Cabinet dimension	600x337.5x30mm			
Cabinet weight (including module)	5.1kg			
Cabinet resolution (pixels)	768x432	640x360	480x270	384x216
Maintenance	Full front service			
System backup	Support			
White balance brightness	600-800cd/m²			
Pixel-level calibration	Support			
Color temperature	6500K (adjustable)			
Refresh rate	3840Hz			
Viewing angle	160°(V/H)			
Brightness uniformity	≥99%			
Grayscale level	16bits			
Contrast ratio	8000:1			
Scanning mode	1/54	1/60	1/45	1/54
Working voltage (input)	110-240V, 50/60Hz			
Max./Avg. Power consumption	500W/m²/165-260W/m²			
Storage temperature&humidity (RH)	-10°C-60°C&35-75%			
Working temperature&humidity (RH)	-10°C-60°C&35-75%			
IP ratings	IP5X			
Screen temperature rise	≤5°C			
Installation	On-wall/recessed/pedestal/suspended/stacked install			
Signal output	HDMI/DVI/DP			
Certification	RoHS/FCC/CE			