



PIXEL PIX

USK SERIES PRODUCT SPECIFICATION

Outdoor HD Display Series



Key Features:

- IP69K High Protection
- DVPS Energy Saving Design
- Front & Rear Maintenance
- 160°/140° Ultra-wide Viewing Angle

USK Series

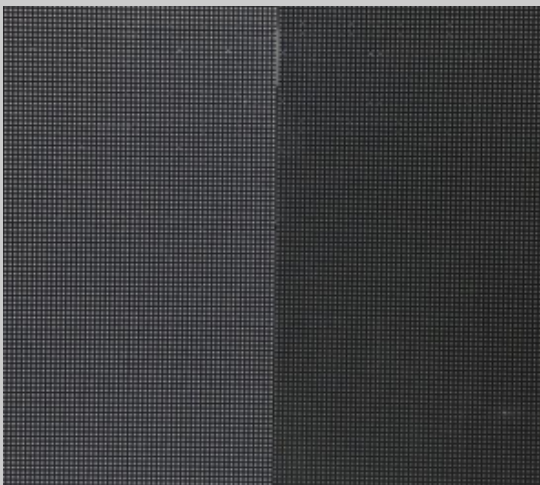


USK

Others

 · 6000 nits brightness  · 5000* : 1 contrast ratio  · 2.6/2.9/3.9/4.8/5.9 available

Regular P3.9 USK P3.9



With a higher contrast ratio and brightness, USK can present a stunning visual experience and the advertisements will be more eye catching

Outdoor

USK Series

High Protection Fine Pitch

Ultra Clear



USK support 3840~7680 Hz refresh rate, ensuring a more realistic and smoother visual experience with no ghosting and visible scan-lines.

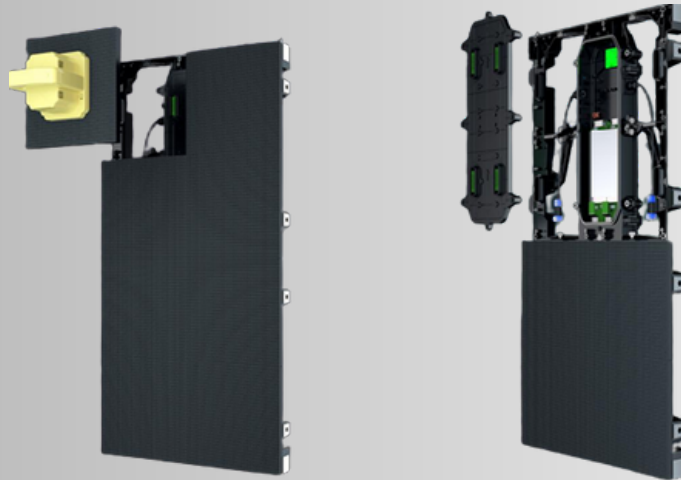
Ultra-Wide Viewing Angle



Ultra-wide viewing angle 160°/140° , bringing all-round advertising to media clients and improving user perception.

USK Series

Hassle free Front & Rear Maintenance



Front maintenance



Rear maintenance

USK supports [front & rear installation and maintenance](#), flexible installation and use.

USK Series

Reliable with Ultra high Stability

Die cast Aluminum Cabinet, Unaffected by Salt Spray



Die-cast aluminum housing

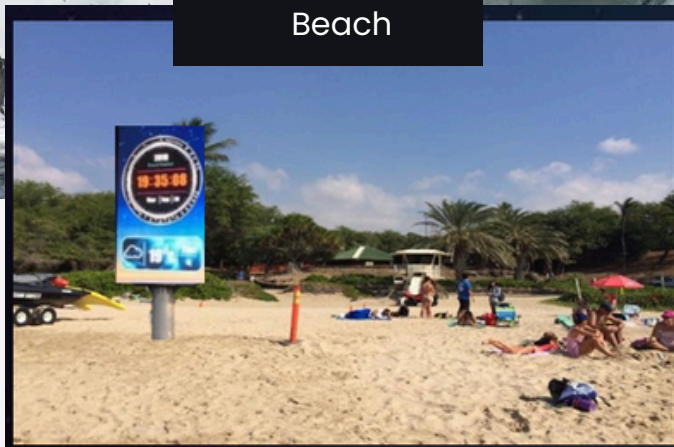


Electrophoresis processing

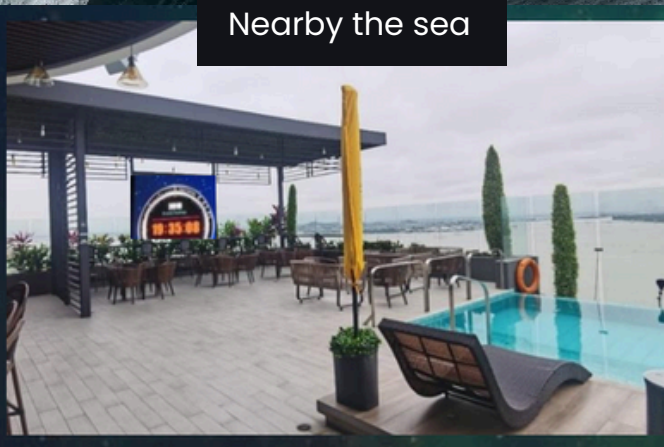


Surface spraying processing

Beach



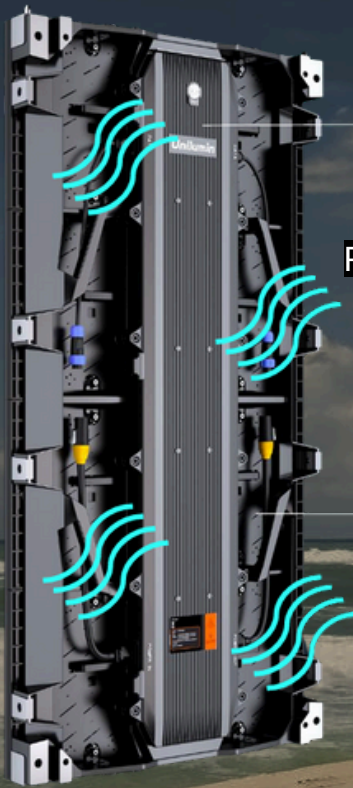
Nearby the sea



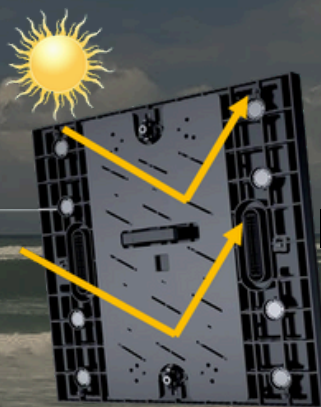
Adopt reliable die casting aluminum housing and multiple special processing, USK can easily meet the protection needs of coastal areas, beaches, swimming pools, etc., without fear of salt spray environment erosion.

USK Series

Efficient Heat Dissipation Design



Rear cover size is 50% larger than regular products



Avoiding direct sunlight



Large rear cover.



Double-sided gluing design.



Sunshade design.

With innovative heat dissipation designs, USK can effectively reduce external environmental and internal thermal effects to keep it **operating at normal temperatures.**

Outdoor

USK Series

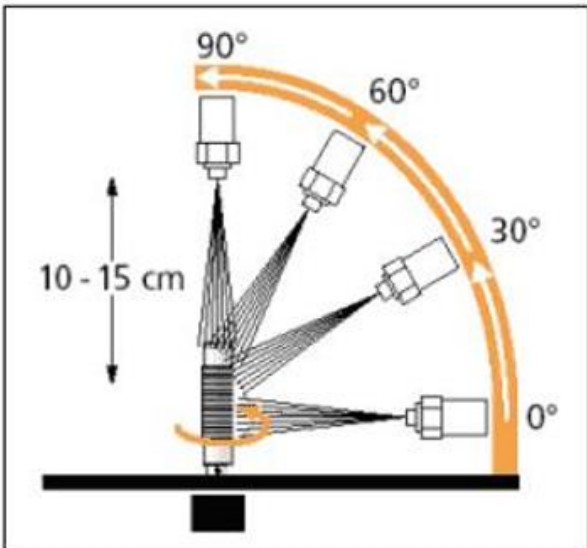
IP69K Protection — Superior Waterproof Performance



IP69K Test*

-  Water temperature: $80^{\circ}\text{C} \pm 5^{\circ}\text{C}$
-  Water pressure: 80~100 bar
-  Water flow rate: 14~16L/min
-  Water spray distance: 10~15cm
-  Water spraying angle: 0° , 30° , 60° , 90°
-  Water spraying time: 30 seconds per angle

Compared with IP65, the IP69K is a higher dimension protection test, which is closer to the real application of outdoor display screens, so customers don't need to worry about USK's operation status.

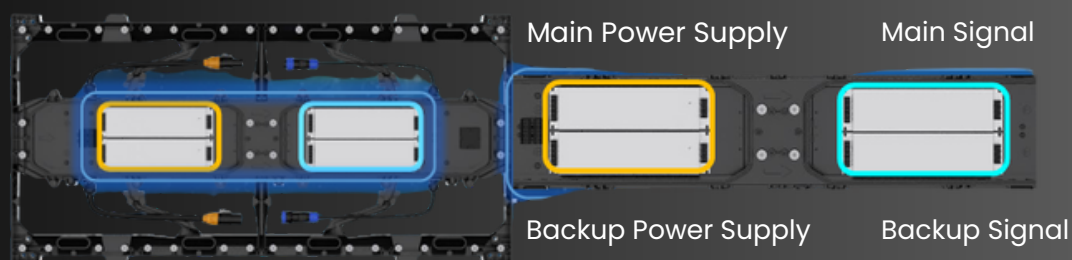
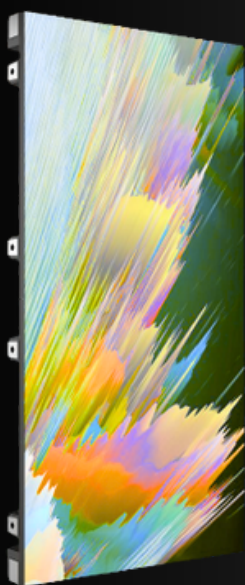


Outdoor

USK Series

DVPS Energy-saving Technology

Energy Saving and Environmentally Friendly

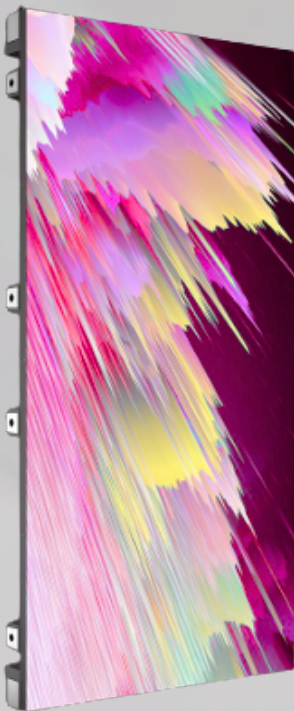


The ample internal space allows USK to support power & data redundancy so that USK can maintain ultra-stable operations.

USK Series

DVPS Energy-saving Technology

Energy Saving and Environmentally Friendly



Compared to conventional 5V power supplies*

40%



Energy saving

68036 Kw*H /100m² per year



Carbon emission reduction

53408.26 kg/100m² per year

Equipped with the latest DVPS energy-saving technology, USK consumes less electricity and produces fewer carbon emissions than conventional 5V power supplies, ensuring a higher return on investment for customers and outdoor media.



Outdoor

USK Series

Specification

Specification		PPX USK 2.6 (500x1000)	PPX USK 2.6 (500x750)
Cabinet Parameter	Pixel Pitch	2.6mm	
	Environment	Outdoor	
	LED Type	SMD 1415	
	Pixel Density	147,456 pixels/m ²	
	Module Size	250 x 250 mm	
	Panel Size (W x H x D)	500 x 1000 x 83mm	500 x 750 x 83mm
	Panel Resolution	192 x 384 pixels	192 x 288 pixels
	Weight	36kg/m ²	38kg/m ²
	Maintenance	Front & Rear	
	Ingress Protection	IP69K	
Optical Parameter	Material	Die-casting Aluminum	
	Brightness	5,000 nits	
	Calibration	Support Brightness and Chroma	
	Colour Temperature	2,000 - 9,500K Adjustable	
	Recommended Viewing Distance	≥ 3 m	
	Viewing Angle (H/V)	160°/140°	
	Contrast Ratio	3,500:1	
	Gray Scale	14 bit	
	Refresh Rate	3,840@60 Hz	
	Video Frame Rate	50/60 Hz	
Electrical Parameter	LED Life Time	100,000 Hours	
	Input Power <MAX>	600 W/m ²	
	Input Power <Typical>	200 W/m ²	
Operation Conditions	Input Voltage	100 ~ 240 VAC	
	Operating Temperature/Humidity	-20°C ~ +50°C/10% ~ 90% RH	
	Storage Temperature/Humidity	-30°C ~ +60°C/10% ~ 80% RH	
	Standard Mounting Configuration	Fixed	
Certification		TUV-CE/CB/FCC/IC/UL	

Note:

- The product image shown is for illustrative purposes only. Actual product may vary in appearance, color, size, and other aspects.
- The listed specifications are for reference only. Some values are based on tests conducted in a controlled internal laboratory environment. Actual performance may vary slightly depending on factors such as product batch, configuration, software version, usage conditions, and environmental influences.

USK Series

Specification

Specification		PPX USK 3.9 (500x1000)	PPX USK 3.9 (500x750)
Cabinet Parameter	Pixel Pitch	3.9mm	
	Environment	Outdoor	
	LED Type	SMD 1921	
	Pixel Density	65,536 pixels/m ²	
	Module Size	250 x 250 mm	
	Panel Size (W x H x D)	500 x 1000 x 83mm	500 x 750 x 83mm
	Panel Resolution	128 x 256 pixels	128 x 192 pixels
	Weight	36kg/m ²	38kg/m ²
	Maintenance	Front & Rear	
	Ingress Protection	IP69K	
Optical Parameter	Material	Die-casting Aluminum	
	Brightness	5,500 nits	
	Calibration	Support Brightness and Chroma	
	Colour Temperature	2,000 - 9,500K Adjustable	
	Recommended Viewing Distance	≥ 4 m	
	Viewing Angle (H/V)	160°/140°	
	Contrast Ratio	4,000:1	
	Gray Scale	14 bit	
	Refresh Rate	3,840@60 Hz	
	Video Frame Rate	50/60 Hz	
Electrical Parameter	LED Life Time	100,000 Hours	
	Input Power <MAX>	650 W/m ²	
	Input Power <Typical>	217 W/m ²	
Operation Conditions	Input Voltage	100 ~ 240 VAC	
	Operating Temperature/Humidity	-20°C ~ +50°C/10% ~ 90% RH	
	Storage Temperature/Humidity	-30°C ~ +60°C/10% ~ 80% RH	
	Standard Mounting Configuration	Fixed	
Certification		TUV-CE/CB/FCC/IC/UL	

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Cabinet Drawing

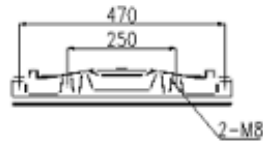


Figure 1 500*1,000mm Drawing of Cabinet

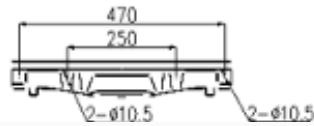
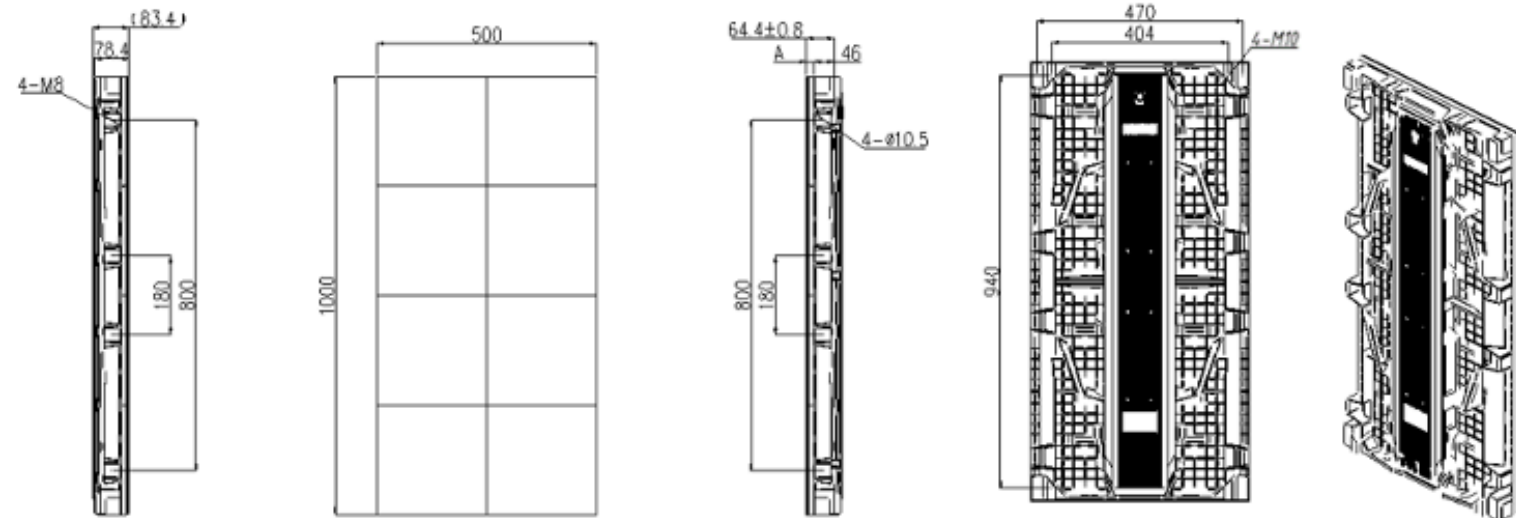


Figure 2 500*750mm Drawing of Cabinet

