



Deep Black



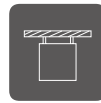
Fast Assembly



High Contrast

High Greyscale
Levels

Light Weight



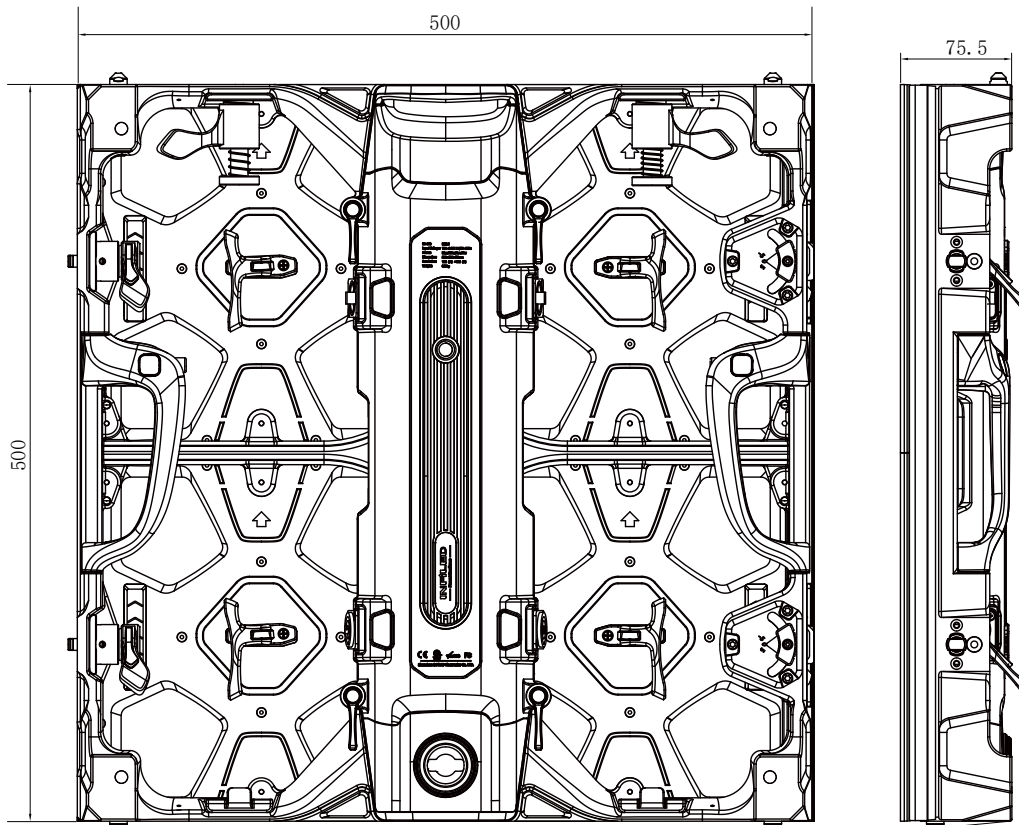
Rental

DB Series is the new benchmark for super black LED screens. Designed specifically for fine pixel pitch rental applications, the DB Series utilises ultra-black masking material and exclusive black LEDs to produce a new level of contrast for LED screens.

With high grey scale levels, a fast refresh rate, and the highest quality components, the DB Series provides the ultimate LED screen picture quality.

The DB Series was designed with an emphasis on ergonomics and usability. The panels are of a modular design built around a robust die-cast aluminum frame, with inbuilt feet and edge protectors to prevent physical damage during assembly.

The DB Series comes equipped with a fast locking system for rapid construction, a curving system allowing both convex and concave configurations, and cable free power and data connection (optional) for the ultimate clutter free installations.



Indoor Mini panel

Model Number	IL-RSS-IRDB1.5m4	IL-RSS-IRDB1.9m4
Pixel Pitch	1.56mm	1.95mm
Physical Density	409,600pixels/m ²	262,144pixels/m ²
LED Arrangement	4 IN 1 IMD	4 IN 1 IMD
Module Resolution	160×160pixels	128×128pixels
Module Dimensions	250×250mm(9.84×9.84in)	250×250mm(9.84×9.84in)
Cabinet Resolution	320×320pixels	256×256pixels
Cabinet Dimensions	500×500×75.5mm (19.68×19.68×2.97in)	500×500×75.5mm (19.68×19.68×2.97in)
Cabinet Weight	8.8kg(19.40lb)	8.8kg(19.40lb)
Brightness	600nits	800nits
Max Power Consumption	150w/panel	150w/panel
Avg Power Consumption	50w/panel	50w/panel
Viewing Angle	160°/160°	160°/160°
Operating Power Source	100-240V AC 50-60Hz	100-240V AC 50-60Hz
Operating Temperature	-10°C~+45°C	-10°C~+45°C
Refresh Rate(valued version)	≤ 3,840Hz(Configurable)	≤ 3,840Hz(Configurable)
IP Rating	IP30	IP30
Max Rigging	18 panels	18 panels
Signal Input Source	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI
Verification	CE, ETL, FCC, RoHS, Fire-protection	CE, ETL, FCC, RoHS, Fire-protection

- The product specifications can be customized

Indoor SMD panel

Model Number	IL-RSS-IRDB1.9	IL-RSS-IRDB2.3	IL-RSS-IRDB2.6
Pixel Pitch	1.95mm	2.31mm	2.6mm
Physical Density	262,144pixels/m ²	186,624pixels/m ²	147,456pixels/m ²
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Module Resolution	128×128pixels	108×108pixels	96×96pixels
Module Dimensions	250×250mm(9.84×9.84in)	250×250mm(9.84×9.84in)	250×250mm(9.84×9.84in)
Cabinet Resolution	256×256pixels	216×216pixels	192×192pixels
Cabinet Dimensions	500×500×75.5mm (19.68×19.68×2.97in)	500×500×75.5mm (19.68×19.68×2.97in)	500×500×75.5mm (19.68×19.68×2.97in)
Cabinet Weight	8.8kg(19.40lb)	8.8kg(19.40lb)	8.8kg(19.40lb)
Brightness	600~800nits	1,000~1,200nits	1,000~1,200nits
Max Power Consumption	150w/panel	150w/panel	150w/panel
Avg Power Consumption	50w/panel	50w/panel	50w/panel
Viewing Angle	160°/160°	160°/160°	160°/160°
Operating Power Source	100-240V AC 50-60Hz	100-240V AC 50-60Hz	100-240V AC 50-60Hz
Operating Temperature	-10°C~+45°C	-10°C~+45°C	-10°C~+45°C
Refresh Rate(valued version)	≤3,840Hz(Configurable)	≤3,840Hz(Configurable)	≤3,840Hz(Configurable)
IP Rating	IP30	IP30	IP30
Max Rigging	18 panels	18 panels	18 panels
Signal Input Source	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI
Verification	CE, ETL, FCC, RoHS,Fire-protection	CE, ETL, FCC, RoHS,Fire-protection	CE, ETL, FCC, RoHS,Fire-protection

Model Number	IL-RSS-IRDB2.8	IL-RSS-IRDB3.4
Pixel Pitch	2.84mm	3.47mm
Physical Density	123,904pixels/m ²	82,944pixels/m ²
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD
Module Resolution	88×88pixels	72×72pixels
Module Dimensions	250×250mm(9.84×9.84in)	250×250mm(9.84×9.84in)
Cabinet Resolution	176×176pixels	144×144pixels
Cabinet Dimensions	500×500×75.5mm (19.68×19.68×2.97in)	500×500×75.5mm (19.68×19.68×2.97in)
Cabinet Weight	8.8kg(19.40lb)	8.8kg(19.40lb)
Brightness	1,200nits	1,200~1,800nits
Max Power Consumption	150w/panel	150w/panel
Avg Power Consumption	50w/panel	50w/panel
Viewing Angle	160°/160°	160°/160°
Operating Power Source	100-240V AC 50-60Hz	100-240V AC 50-60Hz
Operating Temperature	-10°C~+45°C	-10°C~+45°C
Refresh Rate(valued version)	≤3,840Hz(Configurable)	≤3,840Hz(Configurable)
IP Rating	IP30	IP30
Max Rigging	18 panels	18 panels
Signal Input Source	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI
Verification	CE, ETL, FCC, RoHS,Fire-protection	CE, ETL, FCC, RoHS,Fire-protection

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