

Series UPX-HL, Indoor wall for large areas

Hall

Robust die-cast aluminium cabinets for large walls in halls, auditoriums and churches. No fans, so silent.

Pixel pitch
2 to 6 mm

Brightness
up to 800 nit

For large walls where the audience sits further away. Pitch P2 to P6, cabinets from 0.26 to 0.41 m².

The power supplies work without fans. During church services, concerts and meetings, the wall cannot be heard.

Silent. Fanless power supplies, the heat is dissipated through the cabinet.

Uniform. Every wall is calibrated pixel by pixel. Brightness and colour match across the whole surface.

Front or rear maintenance. Modules and power supply can be replaced from either side. A suction tool is included.



	P2	P2.5	P3	P4	P5	P6
Pixel pitch	2 mm	2.5 mm	3 mm	4 mm	5 mm	6 mm
LED type	SMD1515	SMD2121	SMD2121	SMD2121	SMD2121	SMD3528
Module	256 × 128 mm	160 × 160 mm	192 × 192 mm	256 × 128 mm	320 × 160 mm	384 × 192 mm
Module resolution	128 × 64 pixels	64 × 64 pixels	64 × 64 pixels	64 × 32 pixels	64 × 32 pixels	64 × 32 pixels
Pixel density	250 000 pixels/m²	160 000 pixels/m²	111 111 pixels/m²	62 500 pixels/m²	40 000 pixels/m²	27 777 pixels/m²
Cabinet	512 × 512 × 85 mm	640 × 640 × 85 mm	576 × 576 × 85 mm	512 × 512 × 85 mm	640 × 640 × 80 mm	576 × 576 × 85 mm
Cabinet weight	8.5 kg	12.3 kg	10 kg	8.5 kg	12.3 kg	10 kg
Min. viewing distance	3.44 m	4.3 m	5.16 m	6.88 m	8.6 m	10.32 m
Brightness	400 to 800 nit	400 to 800 nit	600 to 800 nit	600 to 800 nit	400 to 800 nit	400 to 800 nit
Viewing angle	160° horizontal, 120° vertical	160° horizontal, 120° vertical	160° horizontal, 120° vertical	160° horizontal, 120° vertical	160° horizontal, 120° vertical	140° horizontal, 120° vertical
Refresh rate	from 2880 Hz	from 3840 Hz	from 3840 Hz	from 1920 Hz	from 1920 Hz	from 1920 Hz
Max. power	up to 700 W/m²	up to 710 W/m²	up to 620 W/m²	up to 700 W/m²	up to 500 W/m²	up to 310 W/m²
Avg. power	200 W/m²	280 W/m²	260 W/m²	280 W/m²	200 W/m²	215 W/m²
Humidity	10 to 75 %	10 to 75 %	10 to 75 %	10 to 95 %	10 to 95 %	10 to 95 %

For all variants

Operating temperature	−20 to +50 °C
Lifetime	100 000 hours
Maintenance	from the front or rear

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Values as specified by the manufacturer, subject to change. Images may differ from the product, image content is an example.