

POT SERIES

OUTDOOR LED SIGNAGE



Advanced Active LED for High-Impact Displays.

Deliver exceptional outdoor visibility with high brightness, superior energy efficiency, and reliable performance for DOOH, PSU, healthcare, and commercial environments.

Key Features

↓
↑
Ultra Slim Cabinet

☀
High Brightness Up to 9500 Nits

🔋 Up to 30% Lower Power Consumption

↻ 3840Hz High Refresh Rate

● 9000:1 High Contrast Ratio

IDEAL APPLICATIONS

DOOH Advertising
High-impact outdoor advertising displays with exceptional daytime visibility.

Public Sector Projects
Reliable digital communication for government buildings, transportation hubs, and public infrastructure.

Healthcare Facilities
Clear and effective information displays for hospitals and healthcare campuses.

SPECIFICATIONS



Model Number	LH-NP66TX6	LH-NP66TX8	LH-NP66TX8G	LH-NP66TX9
Physical Parameter				
Pixel Configuration	1R,1G,1B	1R,1G,1B	1R,1G,1B	1R,1G,1B
Pixel Pitch	6.67 mm	6.67 mm	6.67 mm	6.67 mm
Module Resolution(W x H)	144 x 144	144 x 144	144 x 144	144 x 144
Module Dimesnsion (W x H)	480 x 320mm	480 x 320mm	480 x 320mm	480 x 320mm
Weight per Module (kg)	1.64kg	1.64kg	1.64kg	1.64kg
No. of modules per cabinet (W x H)	6	6	6	6
Cabinet Resolution (W x H)	144 x 144	144 x 144	144 x 144	144 x 144
Cabinet Dimensions (W x H x D, mm)	960mmx960mmx99mm	960mmx960mmx99mm	960mmx960mmx99mm	960mmx960mmx99mm
Cabinet Surface Area (m2)	0.9216	0.9216	0.9216	0.9216
Weight per Cabinet (kg/Cabinet)	21.2	21.2	21.2	21.2
Weight per Square Meter (kg/m2)	23.0	23.0	23.0	23.0
Physical Pixel Density (pixels/m2)	22500 Pixel Per Sq Mtr	22500 Pixel Per Sq Mtr	22500 Pixel Per Sq Mtr	22500 Pixel Per Sq Mtr
Flatness of Cabinet	≤0.5 mm	≤0.5 mm	≤0.5 mm	≤0.5 mm
Cabinet Material	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium	Die Cast Aluminium
Optical Specifications				
Max Brightness	6500 nits (cd/m2)	8000 nits (cd/m2)	8000 nits (cd/m2)	9500 nits (cd/m2)
Color Temperature	9200 +/- 10%	9200 +/- 10%	9200 +/- 10%	9200 +/- 10%
Visual Viewing Angle (H x V)	160x160	160x160	160x160	160x160
Brightness Uniformity	≥ 97%	≥ 97%	≥ 97%	≥ 97%
Color Uniformity	≥ 95%	≥ 95%	≥ 95%	≥ 95%
Contrast Ratio	9000:1	9000:1	9000:1	9000:1
Processing Depth (bit)	14 Bit	14 Bit	14 Bit	14 Bit
Electrical Specifications				
Power Consumption (W/Cabinet, Max)	480	490	490	516
Power Consumption (W/Cabinet, Avg.)	240	245	245	258
Power Consumption (W/m2, Max.)	521	532	532	560
Heat Dissipation (BTU/h/Cabinet, Max.)	1508	1540	1540	1621
Heat Dissipation (BTU/h/Cabinet, Avg.)	754	770	770	811
Heat Dissipation (BTU/h/m2, Max.)	1636	1671	1671	1759
Power Supply (V)	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz
Frame Rate (Hz)	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Refresh Rate (Hz)	>= 3840	>= 3840	>= 3840	>= 3840
Operation Specifications				
LED Lifetime (Half Brightness)	100000 Hrs	100000 Hrs	100000 Hrs	100000 Hrs
Operating Temperature (oC)	0° to 50°C	0° to 50°C	0° to 50°C	0° to 50°C
Operating Humidity	10 to 90%	10 to 90%	10 to 90%	10 to 90%
IP Rating	Front IP66 / Back IP66	Front IP66 / Back IP66	Front IP66 / Back IP66	Front IP66 / Back IP66
Service Access	Rear	Rear	Rear	Rear

Reach out to our experts and find the perfect LED display solution for your space.

Panasonic