

HN & LN Series

Specifications

Item	HN1.9	HN2.6	HN2.9	HN3.9
LED Configuration	SMD 3in1	SMD 3in1	SMD 3in1	SMD 3in1
Pixel Pitch (mm)	1.953	2.604	2.976	3.906
Module Resolution (W×H)	128x128	96x96	84x84	64x64
Module Dimension (WxH, mm)	250x250	250x250	250x250	250x250
Module Composition (W×H)	2x2	2x2	2x2 2x4	2x2 2x4
Cabinet Resolution (W×H)	256x256	192x192	168x168 168x336	128x128 128x256
Cabinet Dimension (WxHxD, mm)	500x500x79	500x500x79	500x500x79 500x1000x79	500x500x79 500x1000x79
Cabinet Area (㎡)	0.25	0.25	0.25 0.5	0.25 0.5
Weight (kg/cabinet; kg/㎡)	7.2; 28.8	7.2; 28.8	7.2; 28.8 12.6; 25.2	7.2; 28.8 12.6; 25.2
Pixel Density (Point/㎡)	262144	147456	112896	65536
IP Level	IP30	IP30	IP30	IP30
Brightness (nits)	1000	1000	1000	1000
Color Temperature (K)	3000—10000 Adjustable			
Viewing Angle (horiz; vert) °	160; 140	160; 140	160; 140	160; 140
Deviation of LED Luminance Center	<3%	<3%	<3%	<3%
Contrast Ratio	4000:1	4000:1	4000:1	4000:1
Power Consumption (max; avg)/㎡	600; 200	600; 200	600; 200	600; 200
Input Voltage (V)	AC100~240V (50/60Hz)			
Refresh Rate @60Hz (Hz)	>3840	>3840	>3840	>3840
Frame Rate Processing (Hz)	50&60	50&60	50&60	50&60
Operating Temperature (°C)	-20~40	-20~40	-20~40	-20~40
Storage Temperature (°C)	-40~60	-40~60	-40~60	-40~60
Operating Humidity (RH)	10~80% no condensation			
Storage Humidity (RH)	10~85% no condensation			
Module Mounting	Front & Rear	Front & Rear	Front & Rear	Front & Rear
PSU & Others Maintenance	Rear	Rear	Rear	Rear
Panel Installation Type	Stacking & Hanging	Stacking & Hanging	Stacking & Hanging	Stacking & Hanging

Item	LN2.9S		LN3.9S		LN4.8S		LN1.9 VP	LN2.6 VP
LED Configuration	SMD 3in1		SMD 3in1		SMD 3in1		SMD 3in1	SMD 3in1
Pixel Pitch (mm)	2.976		3.906		4.808		1.953	2.604
Module Resolution (W×H)	84x84		64x64		52x52		128x128	96x96
Module Dimension (WxH, mm)	250x250		250x250		250x250		250x250	250x250
Module Composition (W×H)	2x2	2x4	2x2	2x4	2x2	2x4	2x2	2x2
Cabinet Resolution (W×H)	168x168	168x336	128x128	128x256	104x104	104x208	256x256	192x192
Cabinet Dimension (WxHxD, mm)	500x500x79	500x1000x79	500x500x79	500x1000x79	500x500x79	500x1000x79	500x500x79	500x500x79
Cabinet Area (㎡)	0.25	0.5	0.25	0.5	0.25	0.5	0.25	0.25
Weight (kg/cabinet; kg/㎡)	7.5; 30	13.2; 26.4	7.5; 30	13.2; 26.4	7.5; 30	12.8; 25.6	7.2; 28.8	7.2; 28.8
Pixel Density (Point/㎡)	112896		65536		43264		262144	147456
IP Level	IP65		IP65		IP65		IP30	IP30
Brightness (nits)	4000		4000		4000		1000	1200
Color Temperature (K)	3000—10000 Adjustable							
Viewing Angle (horiz; vert) °	160; 140		160; 140		160; 140		160; 140	160; 140
Deviation of LED Luminance Center	<3%		<3%		<3%		<3%	<3%
Contrast Ratio	4000:1		4000:1		4000:1		4000:1	5000:1
Power Consumption (max; avg)/㎡	600; 200		600; 200		600; 200		600; 200	600; 200
Input Voltage (V)	AC100~240V (50/60Hz)							
Refresh Rate @60Hz (Hz)	>3840		>3840		>3840		7680	7680
Frame Rate Processing (Hz)	50&60		50&60		50&60		23.5~240	23.5~240
Operating Temperature (°C)	-20~50		-20~50		-20~50		-20~40	-20~40
Storage Temperature (°C)	-40~60		-40~60		-40~60		-40~60	-40~60
Operating Humidity (RH)	/							
Storage Humidity (RH)	10~85% no condensation							
Module Mounting	Rear		Rear		Rear		Front & Rear	Front & Rear
PSU & Others Maintenance	Rear		Rear		Rear		Rear	Rear
Panel Installation Type	Stacking & Hanging		Stacking & Hanging		Stacking & Hanging		Stacking & Hanging	Stacking & Hanging



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