Shenzhen Dicolor Optoelectronics Co., Ltd.

N Series–SPECIFICATIONS

Product NO.	N–601	N–761	N–640	N–980D	N–100D	N–120D	N–160D	N–200D
Module Parameters								
Pixel Pitch	6mm	7.62mm	6.4mm	9.875mm	10mm	12.8mm	16mm	20mm
Resolution	32 × 32	32 × 16	40 × 40	52 × 104	32 × 32	20 × 20	16 × 16	16 × 8
Pixel Quanity	1024	512	1600	256	1024	400	256	128
Dimension	192 × 192mm	244 × 122mm	256 × 256mm	158 × 158mm	320 × 320mm	256 × 256mm	256 × 256mm	320 × 160mm
Pixel Configuration	SMD3528 3–in–1	SMD3528 3–in–1	SMD3535 3–in–1	DIP346 1R1G1B	DIP346 1R1G1B	DIP346 1R1G1B	DIP346 1R1G1B	DIP346 1R1G1B
Driving Mode	1/16 Scan	1/8 Scan	1/5 Scan	1/4 Scan	1/4 Scan	1/4 Scan	Static	Static
Application	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Weight	0.32Kg	0.24Kg	0.625Kg	0.43Kg	1.7485Kg	0.70Kg	1.0Kg	0.70Kg
Cabinet Parameters								
Dimension	768 × 768 × 95mm	976 × 976 × 95mm	768x768 × 135mm	948 × 948 × 145mm	1280 × 960 × 145mm	1024 × 1024 × 145mm	1024 × 1024 × 145mm	960 × 960 × 145mm
Resolution	128 × 128	128 × 128	120 × 120	96 × 96	128 × 96	80 × 80	64 × 64	48 × 48
Pixel Quanity	16384	16384	14400	9216	12288	6400	4096	2304
Module Quanity	4 × 4	4 × 8	3 × 3	6 × 6	4 × 3	4 × 4	4 × 4	3 × 6
Type	Iron	Iron	Iron	Iron	Iron	Iron	Iron	Iron
Weight	22Kg	34Kg	48Kg	58Kg	74Kg	58Kg	58Kg	58Kg
Maintenance type	Back	Back	Back	Back	Back	Back	Back	Back
Screen Parameters								
Pixel Density	27778 Dot/m^2	17222 Dot/m^2	24414 Dot/m^2	10255 Dot/m^2	10000 Dot/m^2	6094 Dot/m^2	3906 Dot/m^2	2500 Dot/m^2
Ave.Power Consumption	135W/m^2	155W/m^2	230W/m^2	150W/m^2	132W/m^2	130W/m^2	140W/m^2	135W/m^2
Max.Power Consumption	410W/m^2	470W/m^2	690W/m^2	450W/m^2	440W/m^2	395W/m^2	425W/m^2	410W/m^2
Input Power	515W/m^2	590W/m^2	860W/m^2	560W/m^2	550W/m^2	495W/m^2	530W/m^2	515W/m^2
Brightness	1500nits	1800nits	6000nits	7000nits	7000 nits	6000nits	7000nits	6000nits
Color Depth	14Bit	14Bit	14Bit	14Bit	14Bit	14Bit	14Bit	14Bit
Refresh Rate	⩾960Hz	⩾1560Hz	⩾1080Hz	⩾1920Hz	⩾1920Hz	⩾1920Hz	⩾3000Hz	⩾3000Hz
Frame Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Input Voltage	110~220V AC	110~220V AC	110~220V AC	110~220V AC	110~220V AC	110~220V AC	110~220V AC	110~220V AC
Working Temperature	–10℃~+40℃	–10℃~+40℃	–20℃~+50℃	–20℃~+50℃	–20℃~+50℃	–20℃~+50℃	–20℃~+50℃	–20℃~+50℃
Working Humidity	10%–90%RH	10%–90%RH	10%–90%RH	10%–90%RH	10%–90%RH	10%–90%RH	10%–90%RH	10%–90%RH
Optimal Viewing Distance	6–60M	8–80M	6–60M	10–100M	10–100M	13–130M	16–160M	20–200M
Viewing Angle	H:140° /V:120°	H:140° /V:120°	H: 140° /V: 140°	H: 120° /V55°	H: 120° /V:55°	H: 120° /V55°	H: 120° /V:55°	H: 120° /V55°
IP Grade	IP40/IP21	IP40/IP21	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54
Lifespan	100000H	100000H	100000H	100000H	100000H	100000H	100000H	100000H
Rotation angle	––	––	––	––	––	––	––	––