

# Video led GN Series

Parameter	GN1.5 PLUS	GN1.9 PLUS	GN2.6 PLUS	GN2.9 PLUS	GN3.9 PLUS
Pixel Configuration	SMD1010	SMD1010	SMD2020	SMD2020	SMD2020
Pixel Pitch (mm)	1.5	1.9	2.6	2.9	3.9
Pixel matrix per panel	320x320	256x256	192x192 / 192x384	168x168 / 168x336	128x128 / 128x256
Pixel density (pixels/sq.m.)	409600	262144	147456	112896	65536
Cabinet Dimensions (LxWxH)/(mm)	500X500X81	500X500X81	500X500/1000X81	500X500/1000X81	500X500/1000X81
Module Dimensions (LxWxH)/(mm)	250X250	250X250	250X250	250X250	250X250
Panel material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Cabinet weight (kg/panel)	7.2	7.16	7.08 / 12	7.2 / 12.6	7.2 / 12.5
Module weight (kg/panel)	0.58	0.57	0.58	0.6	0.58
Color Grayscale (Bit)	14bit	14bit	14bit	14bit	14bit
Gray Scale per Color (level)	16384	16384	16384	16384	16384
Refresh Rate (Hz)	1920-2880	1920-3360	1920-3840	3840	3840
Driving Type	gen-32	gen-32	gen-24	gen-21	gen-16
Signal Transmission Distance (m)	CAT5 cable: <100 m; Single mode fiber: <10 km	CAT5 cable: <100 m; Single mode fiber: <10 km	CAT5 cable: <100 m; Single mode fiber: <10 km	CAT5 cable: <100 m; Single mode fiber: <10 km	CAT5 cable: <100 m; Single mode fiber: <10 km
Brightness (nit)	800	900	900	900	900
Optimal Horizontal Viewing Angle (°)	160	170	140	170	165
Optimal Vertical Viewing Angle (°)	145	Up 80/down 80	Up 60/down 50	Up 70/down 75	Up 75/down 70
AC Input Voltage (V)	AC: 100V~240V	AC: 100V~240V	AC: 100V~240V	AC: 100V~240V	AC: 100V~240V
AC Input Frequency (Hz)	50	50	50	50	50
AC Input Power Maximum Value (W/m <sup>2</sup> )	565	596	440	376	310
AC Input Power Typical Value (W/m <sup>2</sup> )	188	199	147	125	103
Storage Temperature (°C)	-40 -60	-40 -60	-40 -60	-100	-40 -60
Working Temperature (°C)	0-40	0-40	0-40	0- 40	0-40
IP rating (Front/Rear)	IP40/IP20	IP40/IP20	IP40/IP20	IP40/IP20	IP40/IP20
Storage Humidity (RH)	10%~90% non-condensing	10%~90% non-condensing	10%~90% non-condensing	10%~90% non-condensing	10%~90% non-condensing
Working Humidity (RH)	10%~60% non-condensing	10%~60% non-condensing	10%~60% non-condensing	10%~60% non-condensing	10%~60% non-condensing
Lifetime Typical Value (hrs)	100000	100000	100000	100000	100000
Cabinet installation type	Fix	Fix	Fix	Fix	Fix

