

N2/ N3/ N4/ N4D/ N5 -SPECIFICATIONS

Technical Specifications		N2	N3	N4	N4D	N5
Physical Parameters	Pixel Configuration	SMD 1010	SMD 2121	SMD 2121	SMD 1921	SMD 2121
	Pixel Pitch (mm)	2.4	3.2	4	4	5.14
	Pixel Matrix per Panel	240x120	360x90	288x72	288x72	224x56
	Module Dimensions (WxH) / (mm)	288x288	288x288	288x288	288x288	288x288
	Panel Weight (kg)	5	8.8	8.8	9.2	8.8
	Panel Material	Aluminum				
	Panel Dimensions (WxHxD) / (mm)	576x288x57	1152x288x54			
Electronic Parameters	Color Grayscale (Bit)	16				
	Grey Scale per Color (Level)	65536				
	Refresh Rate (Hz)	1920				
	Frame Frequency (Hz)	50/60				
	Signal Transmission Distance	UTP cable: <100 m; Single-mode fiber: <10 km				
	Drive Mode	1/20	1/15	1/12	1/12	1/7
Optical Parameters	Brightness (nit)	1000	1000	1000	4000	1000
	Color Temperature (K)	7500	7500	7500	7500	7500
	Contrast Ratio	4500:1	2100:1	3000:1	3800:1	3000:1
	Horizontal Viewing Angle (°)	160				
	Vertical Viewing Angle (°)	140				
Electrical Parameters	AC Input Voltage (V)	100~240				
	AC Input Frequency (Hz)	50/60				
	Maximum AC Input Power (W/m ²)	720	450	450	540	450
	Average AC Input Power (W/m ²)	240	150	150	180	150
Environmental Parameters	Storage Temperature (°C)	-40~+60°C				
	Working Temperature (°C)	-10~+40°C				
	Storage Humidity (RH)	10%~90%				
	Working Humidity (RH)	10%~90%				
	IP Rating (Front/Rear)	IP50/IP51	IP50/IP51	IP50/IP51	IP50/IP21	IP50/IP51
	Typical Life (hrs)	100,000				
Product Installation	Panel Installation Method	Fixed Installation				