



SPECIFICATION		Outdoor series		
	MODEL	St40	ST50	ST60
LAMP	LEDType	SMD(2121)	SMD(2121)	SMD(3528)
	Pixel pitch	4mm	5 mm	
MODULE	LED module size	256×128 mm	320×160 mm	192×192mm
	Resolution(H×W)	64×32	64×32	32×32
	LED driving method	1/16 dynamic scan	1/16 dynamic scan	1/8 dynamic scan
	LED module layout (H×W)	3×4	3×4	3×4
CABINET	Resolution(H×W)	128×128	96×96	96×96
	Cabinet area	1.23m ²	1.23m ²	1.23m ²
	Cabinet size	512 × 512 × 60 mm	640 × 640 × 70 mm	576×576×70mm
	Net. weight/cabinet	8kg		
	Ingress Protection	Front IP65/Rear IP65	Front IP65/Rear IP65	Front IP65/Rear IP65
	Power	AC 240/100±10%		AC 240/100±10%
	Serviceability	Front & Rear service	Front & Rear service	Front & Rear service
DISPLAY	Max.Power consumption	800W/cabinet	800W/cabinet	800W/cabinet
	Avg.Power consumption	300W/cabinet	300W/cabinet	300W/cabinet
	Viewing Angle(H/V)	160°/160°	160°/160°	160°/160°
	Brightness	1200 cd/m ²	1500 cd/m ²	1800 cd/m ²
	Pixel density(pixel/m ²)	62,500	40,000	27,777
	Contrast ratio	3,000:1	3,000:1	3,000:1
	Temperature/Humidity (Operation/Storage)	-20℃ to +45℃; 10% to 90%	-20℃ to +45℃; 10% to 90%	-20℃ to +45℃; 10% to 90%
	Lifetime(50% brightness)	100,000hours	100,000hours	100,000hours
	Processing	16bit	16bit	16bit
	Colors	281trillion	281trillion	281trillion
	Refresh rate	1920~3840Hz	1920~3840Hz	1920~3840Hz
	Framerate	60fps	60fps	60fps
	Brightness level	Manually/Auto/Programmable	Manually/Auto/Programmable	Manually/Auto/Programmable



www.chenkse.com

CHENKSE

Shenzhen CHENKSE Optoelectronics Technology Co., Ltd

Domestic telephone: 400-859-8990

International Tel: 086-0755-23609021

Email: info@chenkse.com