



Technical Specification(P10mm):

INDOOR

Pixel configuration	SMD3528 1R1G1B 3 in 1
LEDs configuration	Red:wave length: 625~630nm;300-400mcd
	Green:wave length: 525~530nm;600-800mcd
	Blue:wave length: 470~475nm;100-150mcd
Pixel pitch(mm)	10
Pixel density	10000
Calibrated brightness(cd/sqm,nit)	1400 nits(adjustable)
Calibrated brightness proportion ratio	R: G: B = 30%:60%:10%
Color temperature	3,500° - 9,500° K(adjustable)
Contrast ratio	4,500:1
Brightness adjustment(dimming)	100 levels: auto/manual-adjustment
View angle(degree)(50% brightness)	Horizontal: 160° (80° off center); Vertical: 160° (80° off center)
Readability viewing angle	Horizontal/ Vertical: 170° (85° off center)
Color capability	4.4 trillion
Refresh rate(Hz)	>1200 Hz
Frame frequency(Hz)	>60 Hz
Interface port	DVI interface(DVI connector)
Input signal	VGA, Video, AVI, MOV, MPG, DAT, VOB etc.
Protection grade	IP65 front side/IP54 backside
LED Drive	Constant-current drive
Lifetime(hours)(50% brightness)	100,000 hours
Signal transmission direction	Horizontal
Operating temperature(Celsius degree)	-30 - 65'
Storage temperature(Celsius degree)	-35 - 70'
Operation humidity(RH)	0-95%
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Servicing	Front and back serving optional
Control mode	Synchronous & asynchronous available
Communication options	Wire Ethernet, Fiber Ethernet,RF wireless,GPRS
Power	120/240 V AC single phase(50-60Hz)
Maximum power consumption(W/SQM)	450
Average power consumption(W/SQM)	180
Screen operation mode(scan/static)	1/4