

OVERVIEW	FEATURES	MODELS
MECHANICAL	Pixel Pitch	10.6mm 12.8mm
	Cabinet Material	Black anodized alluminium series 6 laser cuted
	Application	Indoor and Outdoor
	Curvability	Flat
	Cabinet Surface (SQM)	0.589
	Cabinet Size (W x H x D - mm)	768 x 768 x 140
	Cabinet Resolution (W x H - pixels)	72 x 72 64 x 64
	Cabinet Weight (KG)	24
	Cabinet Flatness (W x H x D - mm)	<= 0.2
	Pixel Density (SQM)	8900 6104
	Tile Size (W x H x D - mm)	384 x 192 (4x2 per panel)
	Tile Resolution (W x H - pixels)	36 x 18 32 x 16
Pitch Tolarence	0.05mm	
TECHNICAL	IP Grade	IP66 (PSU IP54)
	Operating Power	AC110/220V, 50-60HZ
	Pixel configuration	3535 Black body
	Power supply Units per Panel	x2 - 300W TDK Lambda with backup redundancy (x2 - 500W for P6.4 True Black 5500 nits)
	AV-input	Dual link DVI 1:1 with uplink
	Gamma	Dynamic Dual map for indoor and outdoor mode with black level adjustment
	Operating Humidity Range	0-90%
	Digital Processing	26bit
	Color Processing	16 bit per color (2.81 Trillion Colors)
	Greyscale Processing	16 bit
	CIE1931 Gamut Calibration	ITU-R BT.709, ITU-R BT.2020, pledco gamut (selectable by user)
	Calibration	Multi-mode & Auto-detect stored in the CPU of Tiles
	Refresh Frequency (Hz)	>1000 up to 4000 on Highest bit refresh rate
	Brightness Control	100 levels
	White Balance Brightness nits at 6500K after Calibration	7000 nits
	Operating Temp. Range	-10 to 65°C
	Scanning Mode	Static
	Color Temperature	3200K to 9500K adjustable on 3 fix preset and 1 custom
	Dot Brightness Calibration	Yes with Radian Camea (Calibration stored in tiles flash memory)
	Brightness Uniformity	>=98%
	Color Brightness Calibration	HD NTSC calibration with Radian PM400F Camera stored in tiles
	Chroma Uniformity	+ - 0.002 (Cx, Cy)
	Frame Rate Hz	Standard 60Hz (optional 120Hz and 240Hz)
	Typical lifetime	>= 50 000 hrs MTBF 25 000 hrs
	Maintainance Acces	Rear acces (Front optional)
	Viewing Angle	160° x 160°
	Directivity Angle (viewing angle at 50% brightness)	140° x 120°
	LED Binning Color	+/- 3Nm up to 20 millions led on same Bin
	LED Binning Brightness	+/- 3%
	Maximum BTU (per cabinet)	1750 BTU
	Average BTU (per cabinet)	600 BTU
	CONTROL SYSTEM	LDU 8000 (Logic digital unit)
Receiving Card		Customed designed hot swapable with DDR3 32bit memory bus
Average (per cabinet)		133 W
POWER CONSUMPTION	Maximum (per cabinet)	400 W