



Upanels 2.5mm LED Tile

Parameter	Value
Pixel Pitch	2.54mm
LED Type	3-in-1 SMD
LED Configuration	1Red,1Green,1Blue
Brightness	800cd/m ²
Pixels Per Panel	240 × 135Dots
Pixel Density	176,171 pixels/m ²
Weight	7.5 kg/panel
Module Size	W304.96mm×H343.08mm×D41mm
Cabinet Size	W609.92mm×H343.08mm×D71mm
Cabinet Diagonal	27.5''(699.79mm)
Aspect Ratio	16:9
Area	0.209 m ²
Recommended Viewing Distance	≥2.4m
Material	Diecast Aluminum
Environment	Indoor
Ingress Protection	IP50
Operating Temperature/Humidity	-10°C~+45°C/10~80%RH
Storage Temperature/Humidity	-20°C~+55°C/10~85%RH
Maintenance	ADA Compliant 100% Front Service
Gap Between Modules	Seamless
Horizontal Viewing Angle	160°
Vertical Viewing Angle	160°
Color Temperature	2000-9500K Adjustable
Colors	4.4 Trillion
Brightness Control	Manual/Automatic
Contrast Ratio	5000:1
Input Power <Max>	120W/panel
Input Power <Typical>	40W/panel
Driving Method	Constant Current Drive
Video Frame Rate	50/60 Hz
Rate Refresh	1920 Hz~3840 Hz
Input Voltage	100~240VAC

Input Power Frequency	50~60 Hz
Input Signal	DVI/HDMI/VGA/SDI/DP/AV/S-Video
Calibration	Support brightness and chroma
Acoustic Noise	Fanless operation
LED Life Time	≥100,000 Hours
LED Wavelength	R:620~630nm G:520~535nm B:465~475nm
Standard Mounting Configuration	Stacking
Optional Mounting Configuration	Floor-mounted, concave, curved via back frame
Power Status	Diagnostic LEDs
Video Signal Redundancy	Optional
Video Extension Redundancy	Optional
Data Interconnection	Network Cable (L≤100m); MM fiber (L≤300m)

