

HD-Screen is applying the latest technology of Integrated Surface Mounted Devices (ISMD) that integrates LED dies, into single one package as illustration below:



With ISMD technology, the screen will be with features and advantages:

1. High resolution

Up to Pitch 5mm. With high density, HD-Screen is able to produce quality graphic & video

2. Large viewing angle

Up to 120° (Horizontal & Vertical)

3. High reliability

Fully produced by auto-machine, ISMD LED is with high color uniformity, stability & reliability, that guarantees the perfect performance of the screen

4. Low Power Consumption

Saving energy extremely, advocate environment-protection!

5. Long use life

Fast heating spread, to protect screen effectively and increase the use life largely

6. Slim body & light weight

7. Easy maintenance

8. Applications Indoor & Outdoor

Widely applied in stadium, bank, shopping mall, entertainment and so on

HD LED SCREEN

SPECIFICATIONS			
Pitch (mm)	P6	P7.62	P10
Model NO.	ECS-IN6	ECS-IN7	ECS-IN10
Pixel Configuration	1R 1G 1B		
Module Dimension (W×H)	192mm×96mm	244mm×122mm	160mm×160mm
Resolution (W×H)	32×16 (pixels)	32×16 (pixels)	16×16 (pixels)
Pixel Density (m ²)	27777	17200	10000
Brightness	2000cd/ m ²	1500 cd/ m ²	1200cd/ m ²
Viewing Distance(m)	3~100	5~100	5~100
Power consumption (Max)	1400 w/ m ²	1700 w/ m ²	1000 w/ m ²
Cabinet Weight	15 Kg/ m ²	18Kg/ m ²	20 Kg/ m ²
Driving Method	1/8 scanning	1/4 scanning	1/4 scanning
Control Distance	<100m (Net Cable) ; >500m (Optical Fiber)		
Viewing Angle	Horizontal angle:120° ; Vertical:120°		
Gray Level	256 steps to each color		
Display Color	16777216 colors		
Frame Frequency	≥60 frame/sec		
Refresh Rate	≥300HZ		
Use Life	>100,000 hours		
NG Pixels Rate	≤0.0003		
Power Supply	AC110-230V, 47~64Hz (optional)		
Operation Temperature	20℃~60℃		
Operation Humidity	≥90%		

Note: The specification may be amended without notice