



# DENSO Fix

**Fine Pitch Indoor LED panel**  
**COB (Miniled) new technology**  
**COB 0.9/1.2/1.6/1.9mm, SMD 2.5mm**



## Main features

- Cost efficient
- Front & back maintenance
- Light & thin

Incredible pixel density for stunning images.  
Widely used in control room, TV Studios, high end conference room, instore application and other indoor installation.

## Color Performance

High color deep  
High definition & greyscale  
High refresh rate & contrast ratio  
2K - 4K - 8K point to point screen



## Mechanical details

	D-0.9F	D-1.2F	D-1.5F	D-1.9 F	D-2.5F
Pixel pitch (mm)	0.93mm	1.25mm	1,56mm	1,9mm	2,53mm
LED Type	COB 3in1				SMD
Pixel m2	1.137.778	623.268	398.892	277.008	155.818
Tile Dimension (mm)	600 x 337.5 x 59.5			608 x 342 x 76	
Tile Resolution (pixels)	640 x 360	480 x 270	384 x 216	320 x 180	240 x135
Manufacturing Material	DIECAST ALUMINUM				
Tile Weight (Kg) F / R	7.1			6.3	
Panel installation	Front				
Maintenance	Front				
Refresh Rate (Hz)	3500			1920 -3840	
Signal Processing	14 ~ 18 Bit				
Colour Range	281 Trillion Colours				
Luminance uniformity	≥ 97%				
Colour Temperature	3500K - 9500K ±500				
Contrast ratio	3500:1			4000:1	
Horizontal Viewing Angle (Deg)	170			160	
Vertical Viewing Angle (Deg)	170			160	
Brightness (cd/ m2) F / R	450	600		800	1000
Power Cons. (W/m2) Max	500			550	
Power Cons. (W/m2) AWG	160			200	
Operating temperature (C°)	-10 to 45				
Ambience humidity	10 ~ 85% at 25°				
IP Protection	IP30				
Screen flatness	< 0.1mm / m			<0.2mm / m	
Lifetime ( @ 60% Brightness )	100,000 h				
MTBF	≥ 10,000 hours				
Data Transfer Method	RJ45 max 70m - Optical Fiber >70m up to 15km				
Power Supply	AC 110-240 V, 50/60 Hz				
Certifications	CE - LVD - EMC - RoHS				



- Precise housing for perfect alignment
- High quality seamless power and data connectors
- Good heat dissipation and seamless jointing
- Easy cleaning, moisture-proof. Can wipe directly
- Tough edge anti collision: the unpacking and installation process are anti-bumping