

DESAY



TVB Series

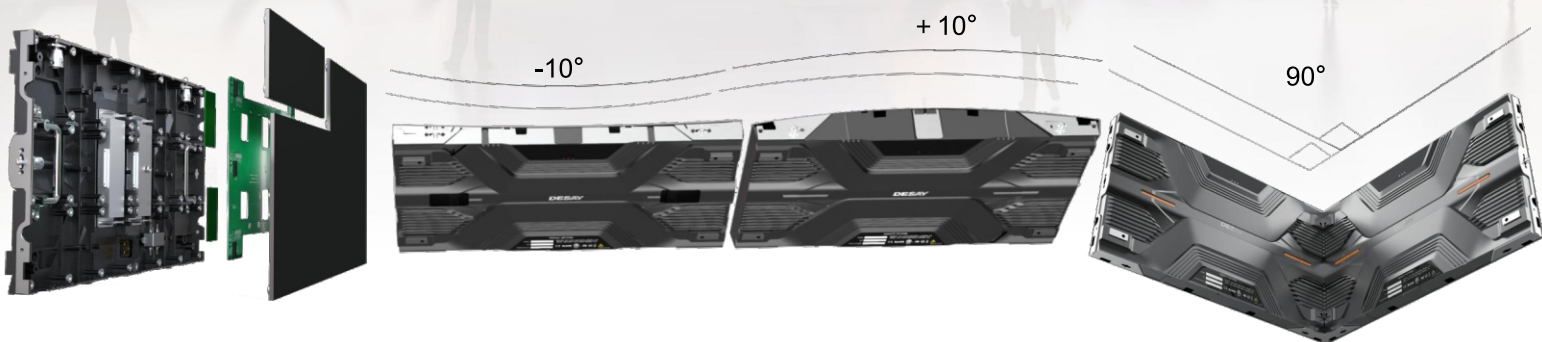
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Specifications

Parameter	Unit	TVB0.9	TVB1.2	TVB1.5	TVB1.8	TVB2.5	TVC0.7	TVC0.9	TVC1.2	TVC1.5	TVC1.8	
Pixel pitch	mm	0.937	1.25	1.562	1.875	2.5	0.781	0.937	1.25	1.562	1.875	
Brightness	nits	800	1000	1000	1000	1000	600	600	600~700	800	550	
Pixel configuration	R/G/B	SMD 3 in 1/Mini/MIP					COB					
Color temperature	K	6500					9000					
Viewing angle-Horizontal (50% brightness)	Deg.	160 (+80/-80)										
Viewing angle-Vertical (50% brightness)	Deg.	140 (+70/-70)										
Recommended minimum viewing distance	m	0.9	1.2	1.5	1.8	2.5	0.7	0.9	1.2	1.5	1.8	
Panel width	mm	600										
Panel height	mm	337.5										
Panel depth	mm	38										
Panel area	m ²	0.2025										
Panel material		Die-casting Aluminum										
Panel weight	Kg	5.6										
Ingress protection (front/back)	IP	30/30										
Pixel matrix per panel		640×360	480×270	384×216	320×180	240×135	768×432	640×360	480×270	384×216	320×180	
Brightness control		255										
Gray scale	bit	14~16					13~16					
Frame rate	Hz	50/60										
Display refresh rate	Hz	3840/7680										
Input voltage	VAC	100~240										
Input power frequency	Hz	50~60										
Input power (Max.)	W/m ²	400±10%	650±10%	650±10%	650±10%	550±10%	360±10%	280±10%	330±10%	330±10%	400±10%	
Input power (Avg.)	W/m ²	140±10%	227±10%	227±10%	227±10%	192±10%	120±10%	94±10%	110±10%	110±10%	140±10%	
Operating temperature range	°C	-10~+40										
Lifetime (50% brightness)	Hours	100,000										

Features

- Professional die-cast aluminum frame with excellent heat dissipation
- Ultra slim, only 38 mm
- 16:9 aspect ratio, supports 16:9 & 4:3 screen assembly
- Optional Mini LED, GOB, COB, impact resistant
- Energy-efficient common cathode technology reduces power consumption by up to 30%
- Dual backup design for power supply and receiving card
- Fanless structure, zero operating noise
- On-board memory IC
- Compliant with EMC Class B standard
- Wide viewing angle, high refresh rate and high contrast
- Hub board features integrated fuse protection for enhanced operational safety
- Built with premium flame-retardant materials to ensure compliance with international fire safety standards
- Built-in fine-adjustable connectors for seamless splicing



Dual power & data system optional

-10°~ +10° panel internal concave & convex smooth curve