

Applications

P1.9mm Flex
TV Azteca Mexico



TV Broadcasters



P2.5mm Amflex Pro screen
Sydney 5 sets TV Studio Australia



- Invented flexible LED screen in 2006
- More than 20 years experiences in LED applications.
- More than 100 installations of creative LED screens worldwide
- Solutions for world 500 fortune companies
- TV station - Casino
- Museum - Shopping mall
- Airport - Theater



Corporate Office:
140 Mount Holly Bypass, Unit #1
Lumberton, NJ 08048
Phone: (609) 531-2642
Email: info@avds.tv
avds.tv

Regional Office:
Engineering & Sales
Southeast US
Phone: (404) 348-8994

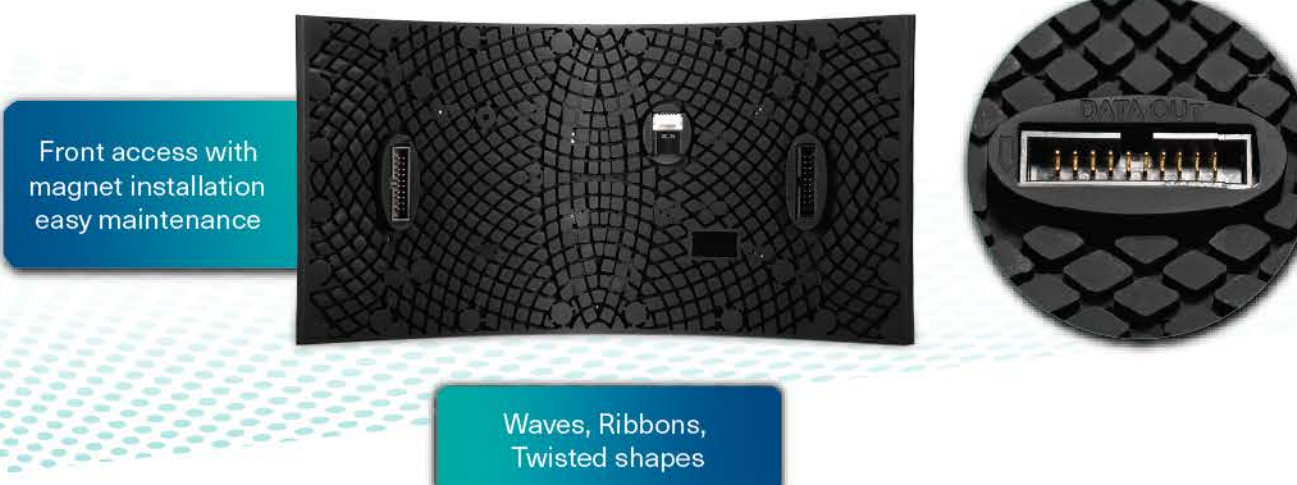
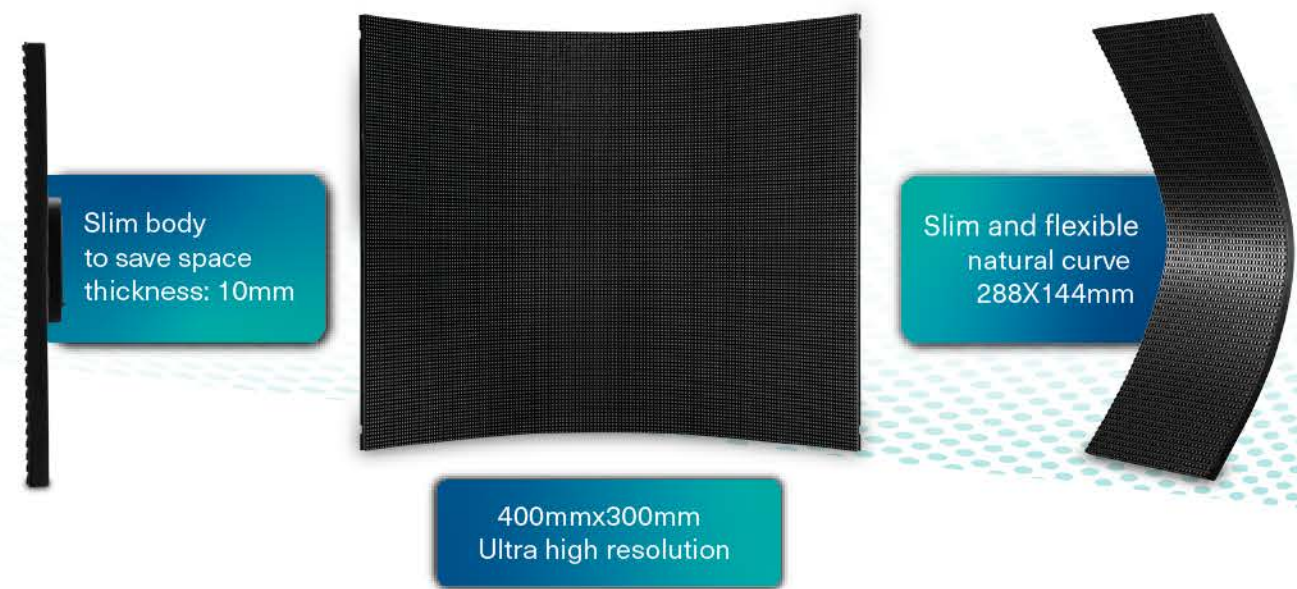


Creative LED solutions

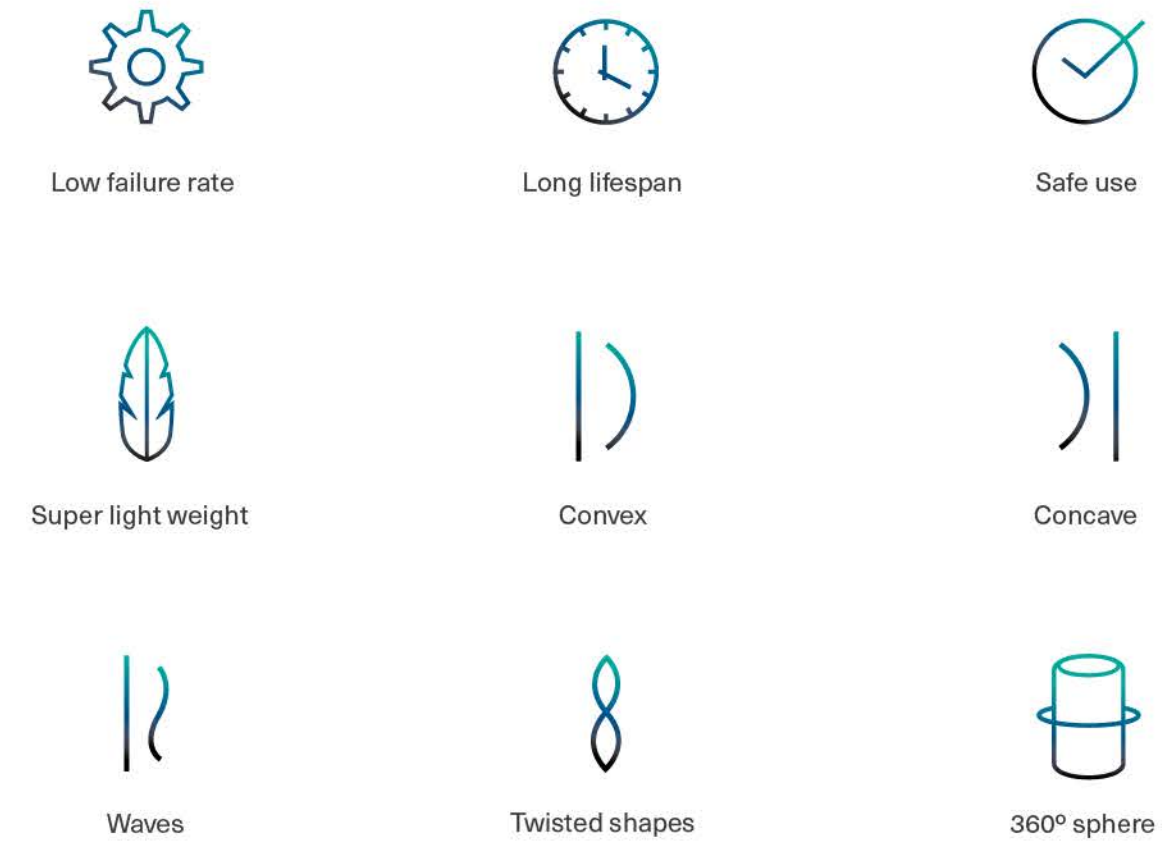


New thinking, New possibilities, Beyond your imagination

Custom for any application



Product Features



Independent Power Management



With hot backup for Signal system, stable broadcasting would be guaranteed when failure happens.



The independent power unit can be put away maximum 10 meters from the display. The power supply unit can be attached to the screen per customized project's demands.

Product Specifications

Product Name	TVF1.2	TVF1.6	TVF1.9	TVF2.5	NF030	NF040	NF060
Pixel Pitch	1.25mm	1.667mm	1.923mm	2.5mm	3mm	4mm	6mm
Resolution (Per LED Panel)	320*240	240*180	208*156	160*120	96*48	72*36	48*24
LED Panel Size (W x H)	15.8"x 11.8"x 0.4"(400 mm x 300 mm x 10 mm) (Panel only, not including system board and mount)				11.34"x 5.67"x 0.3"/15.8"x 11.8"x 0.4"(288mm x 144 mm x 7.5 mm/400mm x 300mm x 7.5mm) (Panel only, not including system board and mount)		
Radius of curvature	1.5m				0.5m		
LED Panel area	1.29 sq. feet (0.12 sq. meters)				0.445 sq. feet (0.0415 sq. meters)		
LED Panel Weight	3.48 lb (1.58kg)				0.88 lb (0.4 kg)		
Brightness (non-calibrated)	600 nits under white balance (adjustable)				1000 nits (adjustable)		
LED Refresh Rate	1920~3840Hz				1920~3840Hz		
Power Consumption Maximum (watts)	60 w/panel (500watts per sq. meter)				20 w/panel (480watts per sq. meter)		
Power Consumption Typical (watts)	16 w/panel (140watts per sq. meter)				6 w/panel (135watts per sq. meter)		
Driver IC and mode	MBI or the equivalent quality IC						
LED Brand	SMD 3-in-1 Black face LEDs (Nationstar, Everlight, Optional).						
Color Depth	16 bits						
Contrast Ratio	5000:1						
Frame Rate	59.7Hz, 60/120Hz						
Runtime Duty Cycle	24x7						
Lifetime: Typical	Lifespan 50,000~100,000 hours						
Acoustic Noise	No Noise						
Installation, Service	Front & Rear						
Standard Mounting Configurations	Fixed, Self-Standing, Hanging						
Redundancy	Optional for Redundent Signal and Power system.						
Line Voltage	100-240Volts AC, 50 & 60Hz						
Video Input Type	HDMI,DVI,SDI,DP,HD-SDI						
Warranty	1 year part and labor limited warranty: Extended warranty option available.						
Certificate	FCC, UL™, ETL, TUV-CE, RoHS, Reach, CCC						
Additional required components	Controller sold separately.						
Cabinet design	Customized Metal Frame.						