



Masters in the Art of LED

Welcome to ATS-Pro, the exclusive U.S. distributor for Taylorleds. With nearly two decades of experience in the AV industry, I founded ATS-Pro to bring unmatched expertise and innovation to our clients.

Taylorleds, our esteemed partner, is an innovative joint venture with Absen, excelling in design, R&D, and quality control. Absen, a leading Chinese manufacturer, handles production, ensuring top-notch quality. Together, we present the most advanced LED systems, meticulously crafted for superior performance.

At ATS-Pro, our dedicated account managers, top-tier technical support, and industry thought leaders work tirelessly to help you master the art of LED technology. I invite you to explore our brochures and experience innovation at its finest.

Warm regards,

Chris Pelzan



Element 320 Series: Durable, Versatile and Weather-Resistant Outdoor LED Solutions

The Element 320 Series offers reliable, high-performance LED panels designed for outdoor signage, sports, and advertising applications. Its multi-layered waterproof design, featuring specialized coatings on modules, panels, and power boxes, guarantees long-lasting durability, safeguarding against harsh weather conditions.

Additionally, the Element 320 Series supports both front and rear access for easy installation and convenient maintenance, ensuring minimal downtime and maximum operational efficiency. With flexible design options, including 90-degree corners and curved panels, the Element 320 Series provides the perfect solution for creating durable, dynamic, eye-catching outdoor displays.

Install

Install can be either front or rear. Front: take out the four corner modules, and then fix the panel onto the steel structure. Rear: directly fix the panel onto the steel structure.



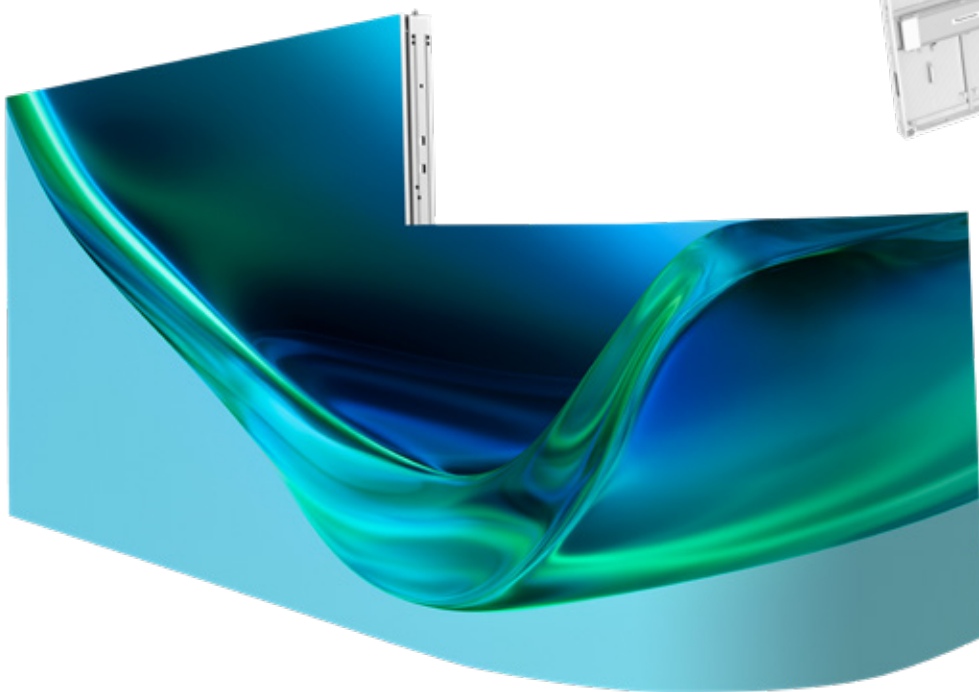


Front & Rear Serviceable

Maintenance can be either front or rear. Front: take out the modules, and then access the power supply units; Rear: directly access the module and power supply units from the back.

Corners & Curves

Optional seamless 90° degree corners or curves.



Specifications

ATS-PRO Element 320 Series Modular LED panel shown. Additional frame sizes available.

Specifications	EL320P4		EL320P6		EL320P8		EL320P10	
LED Type	SMD 3 in 1 1921		SMD 3 in 1 2727		SMD 3 in 1 2727		SMD 3 in 1 2727	
Pixel Pitch (mm)	4.44		6.66		8		10	
Panel Dimensions (W*H*D)(mm)	640 x 960 x 82	960 x 1440 x 82	640 x 960 x 82	960 x 1440 x 82	640 x 960 x 82	960 x 1440 x 82	640 x 960 x 82	960 x 1440 x 82
	640 x 1440 x 82	1280 x 960 x 82	640 x 1440 x 82	1280 x 960 x 82	640 x 1440 x 82	1280 x 960 x 82	640 x 1440 x 82	1280 x 960 x 82
	960 x 960 x 82	1280 x 1440 x 82	960 x 960 x 82	1280 x 1440 x 82	960 x 960 x 82	1280 x 1440 x 82	960 x 960 x 82	1280 x 1440 x 82
Panel Weight (kg)	18	42	18	42	18	42	18	42
	28	35	28	35	28	35	28	35
	27	56	27	56	27	56	27	56
Pixel Per Panel (w, h)	144 x 216	216 x 324	96 x 144	144 x 216	80 x 120	120 x 180	64 x 96	96 x 144
	144 x 324	288 x 216	96 x 216	192 x 144	80 x 180	160 x 120	64 x 144	128 x 96
	216 x 216	288 x 324	144 x 144	192 x 216	120 x 120	160 x 180	96 x 96	128 x 144
Panel Material	Aluminum		Aluminum		Aluminum		Aluminum	
Module Dimensions (W*H)(mm)	320 x 480		320 x 480		320 x 480		320 x 480	
Brightness (nit)	7,500		10,000		10,000		10,000	
Refresh Rate (Hz)	≥7680		≥7680		≥15000		≥15000	
Grayscale (bit)	16		16		16		16	
Contrast Ratio	6200:1		5800:1		10000:1		12000:1	
Color Temperature (K)	7500		7500		7500		7500	
Viewing Angle (H/V) (°)	160/150		160/125		160/75		160/80	
Driving Type	1/9		1/6		1/4		1/2	
AC Operating Voltage (V)	100~240		100~240		100~240		100~240	
Power Consumption (Max./Avg.) (W/m²)	540/135		590/148		580/145		580/145	
Storage Temperature (°C)	-40~ + 60		-40~ + 60		-40~ + 60		-40~ + 60	
Operating Temperature (°C)	-30~ + 50		-30~ + 50		-30~ + 50		-30~ + 50	
Storage Humidity (RH)	10%~90%		10%~90%		10%~90%		10%~90%	
Operating Humidity (RH)	10%~90%		10%~90%		10%~90%		10%~90%	
IP Rating (Front/Rear)	IP66/IP66		IP66/IP66		IP66/IP66		IP66/IP66	
LED Lifetime (H)	100000		100000		100000		100000	
Module & PSU Maintenance	Front or Rear		Front or Rear		Front or Rear		Front or Rear	
Panel Installation Type	Fixed		Fixed		Fixed		Fixed	
Certification	CE, FCC, ETL		CE, FCC, ETL		CE, FCC, ETL		CE, FCC, ETL	





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