

ELEMENT 320 SERIES

Cool under pressure. Clear always.

Built for the Elements.
Made for Impact.



ALL-WEATHER
DURABILITY



EASY
MAINTENANCE



FRONT & REAR
SERVICEABILITY



90° CORNER
CONFIGURATION

ELEMENT 320 SERIES 4.44mm, 6.66mm, 8.0mm, 10.0mm

ATS|PRO



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 Pelzar

Founder & CEO of ATS-PRO

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 and 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.

90° Curved & Corner Installation Options

90° curved and corner outdoor LED video walls provide maximum visibility from multiple directions, allowing content to be seen clearly by both foot and vehicle traffic while significantly increasing audience reach and advertising impressions. Their seamless wraparound design creates a strong visual impact that stands out in crowded environments such as city centers, malls, casinos, airports, and stadiums. By transforming building corners into premium digital real estate, these displays make better use of architectural space and enable higher advertising value with premium CPM rates. They also enhance wayfinding and information delivery in smart cities and transportation hubs, support dynamic and real-time content, offer seamless pixel alignment across angles, improve brand recall through immersive presentation, and ultimately deliver stronger ROI for DOOH and digital signage.



50% Energy Saving: Less than 1kWh/SQM per day

Utilizing high brightness LED with PWM chip and high PF power supply, the Element Series consume < 1 kWh/SQM per day. This helps to ensure stability and prolong the lifespan of the display, offering up to 10 year warranty for the Element Series.

50%+

Energy Saving
White Screen Mode

40%+

Energy Saving
Black Screen Mode



25%+

Energy Saving
Dynamic Mode

High Brightness and Contrast

The Element 320 Series delivers high brightness and enhanced contrast, making colors appear more defined and dynamic for a sharper, more realistic image. Deeper blacks and brighter highlights create a visually striking display that remains true to the original content, ensuring outstanding visual performance across a wide range of environments.



Waterproof and Dustproof

The Element 320 features a fully sealed rear panel and waterproof power cables for external connections. All internal components are specially treated for water and dust resistance, allowing the system to withstand rain, sand, and harsh outdoor conditions. This robust design enables the Element Series to perform reliably across a wide range of complex environments.

High brightness LED paired
with PWM driver chip

All-aluminum design

Industrial-grade
power supply

Aviation-grade
waterproofing



Specifications

ATS-PRO 320 Series LED panel shown.

Specifications	EL320P4		EL320P6	
LED Type	White SMD 3 in 1 1921		White SMD 3 in 1 2727	
Pixel Pitch (mm)	4.44		6.66	
Panel Dimensions (W*H*D)/(mm)	640 x 960 x 82 640 x 1440 x 82 960 x 960 x 82	960 x 1440 x 82 1280 x 960 x 82 1280 x 1440 x 82	640 x 960 x 82 640 x 1440 x 82 960 x 960 x 82	960 x 1440 x 82 1280 x 960 x 82 1280 x 1440 x 82
Panel Weight (kg)	18 28 27	42 35 56	18 28 27	42 35 56
Pixel Per Panel	144 x 216 144 x 324 216 x 216	216 x 324 288 x 216 288 x 324	96 x 144 96 x 216 144 x 144	144 x 216 192 x 144 192 x 216
Panel Material	Aluminum Profile		Aluminum Profile	
Module Dimensions (W*H)/(mm)	320 x 480		320 x 480	
Brightness (nit)	7,500		10,000	
Refresh Rate (Hz)	≥7680		≥7680	
Gray Scale (bit)	16		16	
Contrast Ratio	6200:1		7800:1	
Color Temperature (K)	7500		7500	
Viewing Angle (H/V) (°)	160/150		160/125	
Driving Type	1/9		1/6	
AC Operating Voltage (V)	100~240		100~240	
Power Consumption (Max./Avg.) (W/m ²)	540/135		590/148	
Storage Temperature (°C)	-40~ + 60		-40~ + 60	
Operating Temperature (°C)	-30~ + 50		-30~ + 50	
Storage Humidity (RH)	10%~90%		10%~90%	
Operating Humidity (RH)	10%~90%		10%~90%	
IP Rating (Front/Rear)	IP66/IP66		IP66/IP66	
LED Lifetime (H)	100000		100000	
Module & PSU Maintenance	Front or Rear		Front or Rear	
Panel Installation Type	Fixed		Fixed	
Certification	CE, FCC, ETL		CE, FCC, ETL	

Specifications

ATS-PRO 320 Series LED panel shown.

Specifications	EL320P8		EL320P10	
LED Type	White SMD 3 in 1 2727		White SMD 3 in 1 2727	
Pixel Pitch (mm)	8		10	
Panel Dimensions (W*H*D)/(mm)	640 x 960 x 82 640 x 1440 x 82 960 x 960 x 82	960 x 1440 x 82 1280 x 960 x 82 1280 x 1440 x 82	640 x 960 x 82 640 x 1440 x 82 960 x 960 x 82	960 x 1440 x 82 1280 x 960 x 82 1280 x 1440 x 82
Panel Weight (kg)	18 28 27	42 35 56	18 28 27	42 35 56
Pixel Per Panel	80 x 120 80 x 180 120 x 120	120 x 180 160 x 120 160 x 180	64 x 96 64 x 144 96 x 96	96 x 144 128 x 96 128 x 144
Panel Material	Aluminum Profile		Aluminum Profile	
Module Dimensions (W*H)/(mm)	320 x 480		320 x 480	
Brightness (nit)	10,000		10,000	
Refresh Rate (Hz)	≥15000		≥15000	
Gray Scale (bit)	16		16	
Contrast Ratio	14000:1		17000:1	
Color Temperature (K)	7500		7500	
Viewing Angle (H/V) (°)	160/75		160/80	
Driving Type	1/4		1/2	
AC Operating Voltage (V)	100~240		100~240	
Power Consumption (Max./Avg.) (W/m ²)	580/145		580/145	
Storage Temperature (°C)	-40~ + 60		-40~ + 60	
Operating Temperature (°C)	-30~ + 50		-30~ + 50	
Storage Humidity (RH)	10%~90%		10%~90%	
Operating Humidity (RH)	10%~90%		10%~90%	
IP Rating (Front/Rear)	IP66/IP66		IP66/IP66	
LED Lifetime (H)	100000		100000	
Module & PSU Maintenance	Front or Rear		Front or Rear	
Panel Installation Type	Fixed		Fixed	
Certification	CE, FCC, ETL		CE, FCC, ETL	



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