

ELEMENT PERIMETER 960

Cool under pressure. Clear always.

Built for the Elements.
Made for Impact.



STUNNING
VISUALS



SIMPLE
CONTROL



FLEXIBLE
INTEGRATION



RELIABLE
PERFORMANCE

ELEMENT PERIMETER 960 SERIES 6.67mm, 8.0mm, 10.0mm

ATS|PRO

Excellent Cabinet Design

The full die-cast aluminum module and cabinet frame not only enhance heat dissipation, but also offer a lightweight design—just 34.8 KG per square meter—making transportation and installation faster and easier.



LIGHTWEIGHT DESIGN

Just 34.8 KG
per square meter.



ENHANCED HEAT DISSIPATION

Die-cast aluminum
construction.



FAST INSTALLATION

Streamlined design
for easier setup.



Perimeter Solution

Element Perimeter 960 is our ultimate solution for stadiums and sports fields. It is designed with foot stand and top safer bumper.





Protection Grade **IP66** and Fanless Cooling System

The entire cabinet is IP66-rated on both the front and rear, ensuring complete protection against water intrusion. Its fanless cooling system also helps keep out dust and dirt, extending the lifespan of the internal electronic components.

Cable Free Back

All cables are neatly concealed at the top of the cabinet, creating a clean, streamlined appearance while also reducing the risk of accidental disconnection during transport, installation, or maintenance. This thoughtful design not only enhances aesthetics but also improves overall reliability and safety.



CLEAN DESIGN

Concealed cables for a streamlined appearance.



IMPROVED SAFETY

Concealed cables for a streamlined appearance.



EASY MAINTENANCE

Simplifies transport, installation, and service.



CCES Technology

CCES is abbreviated for Common Cathode Energy Saving technology.



MORE THAN 30% ENERGY SAVINGS

Accurate electricity distribution for RGB LED chips to save energy and lower the power consumption by more than 30%.



LESS HEAT GENERATION

Reduced heat from electrical components prolongs the lifespan of the panel.



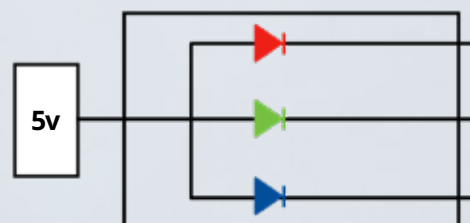
MORE STABLE PERFORMANCE

Lower internal temperature allows electrical components to work more stably, delivering better video quality.

Common Cathode (CCES)



Conventional LED



Built for Safety. Ready for the Outdoors.

Engineered with materials compliant to UL 94 5VB fire-resistance standards, our LED panels deliver peace of mind alongside stunning visuals. Whether installed in stadiums, transit hubs, or high-traffic outdoor environments, you can trust our technology to perform safely—even under demanding conditions.



FIRE-RESISTANT MATERIALS

Compliant with UL 94 5VB fire-resistance standards.



ALL-WEATHER RELIABILITY

Designed to perform in demanding outdoor environments.



LONG-LASTING PERFORMANCE

Built for high-traffic areas with enhanced durability and protection.

Specifications

ATS-PRO Element Perimeter 960 Series LED panel shown.

Specifications	ELPM960P6	ELPM960P8	ELPM960P10
LED Type	SMD2727	SMD3535	SMD3535
Pixel Pitch (mm)	6.67	8	10
Panel Dimensions (W*H)/(mm)	960x960x101	960x960x101	960x960x101
Pixel Per Panel	144x144	120x120	96x96
Panel Weight (kg/m ²)	33.6	33.6	33.6
Panel Material	Aluminum	Aluminum	Aluminum
Module Dimensions (W*H)/(mm)	480mm x 320mm	480mm x 320mm	480mm x 320mm
Brightness (nit)	6,000-10,000	6,000-10,000	6,000-10,000
Refresh Rate (Hz)	3,840Hz	3,840Hz	3,840Hz
Grayscale (bit)	14-16 bit	14-16 bit	14-16 bit
Viewing Angle (H/V) (°)	H-160°, V/Up-40°, V/Down-60°	H-160°, V/Up-40°, V/Down-60°	H-160°, V/Up-40°, V/Down-60°
AC Operating Voltage (V)	100-240V	100-240V	100-240V
Power Consumption (Max./Avg.) (W/m ²)	550/200	550/200	550/200
Storage Temperature (°C)	-40~+60°C	-40~+60°C	-40~+60°C
Operating Temperature (°C)	-30~+60°C	-30~+60°C	-30~+60°C
Storage Humidity (RH)	10%~60%RH	10%~60%RH	10%~60%RH
Operating Humidity (RH)	10%~95%RH	10%~95%RH	10%~95%RH
IP Rating (Front/Rear)	IP66	IP66	IP66
LED Lifetime (H)	100,000	100,000	100,000
Module Maintenance	Front/Rear	Front/Rear	Front/Rear
PSU & Other Maintenance	Front/Rear	Front/Rear	Front/Rear
Certification	CE, FCC, ETL, EMC, CB, ROHS	CE, FCC, ETL, EMC, CB, ROHS	CE, FCC, ETL, EMC, CB, ROHS

Specifications subject to change. Please contact ATS-Pro for updated specifications.



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