



Inspirence i2512P5 LED Video Scoreboard

25' Wide x 12' High | Complete Turnkey Scoring Solution

The Inspirence i2512P5 Video Scoreboard is a high-impact, professional-grade LED display designed specifically for K-12 and collegiate athletic facilities. At 25 feet wide by 12 feet high, it delivers outstanding visibility for players, fans, and sponsors—whether under bright midday sun or evening stadium lighting.

Built around a 5.44mm pixel pitch and 5,000-nit high-brightness LED panels, the i2512P5 produces sharp graphics, smooth motion video, and crystal-clear scoring information from all typical spectator viewing distances. The result is a scoreboard that looks modern, performs reliably, and elevates the entire game-day experience.

The system is delivered as a complete turnkey solution, including integrated scoring and control software, a decorative architectural arch, and static banner panels for school branding, sponsor recognition, or team messaging. Designed for outdoor durability and long service life, the i2512P5 combines professional-sports aesthetics with school-friendly operation and support.

From live scoring and timers to animations, team graphics, and sponsor content, the Inspirence i2512P5 transforms a traditional scoreboard into a dynamic centerpiece for school athletics.

Designed for performance. Built for schools. Supported by Inspirence.

Key Features & System Details

Large-Format Outdoor LED Display

Display Size: 25' wide x 12' high

Resolution: 5.44mm pixel pitch for excellent clarity at typical field and bleacher viewing distances

Brightness: 5,000 nits for outstanding visibility in full sunlight and night games

Wide Viewing Angles: Consistent image quality for spectators across the field and stands

Complete Turnkey Scoreboard System

Integrated scoring and control software supporting score, time, period, team names, statistics, and game clocks

Capable of video playback, animations, school branding, and sponsor graphics

User-friendly iPad control interface suitable for school staff and student operators

Architectural Arch & Branding Panels

Decorative architectural arch enhances visual impact and creates a professional stadium appearance

Static banner panels for permanent school identity, mascot graphics, or sponsor recognition

Designed to complement the LED display while allowing future branding updates

Steel Support Structure (Additional)

Engineered steel support structure available to meet site-specific wind load and foundation requirements (Coordinate with civil, structural, and facilities teams for permitting and installation)

Electrical & Infrastructure Requirements

200 Amp - 120/240 VAC

Dedicated service with proper grounding and surge protection

CAD drawings available



Ideal Applications

Football, soccer, lacrosse, field hockey, and multi-use athletic fields.
K-12 schools, colleges, and municipal athletic facilities

Specifications

Item	Specs
Brightness	5000 nits
Viewing Angle	Horizontal 160 deg; ertical 160 deg
Minimum Viewing Distance	5.44 meters
Brightness Control	106 level
Power Supply	Mean Well
Receiving Card	MRV300
Refresh Frequency	3840 Hertz
Cabinet Resolution(3x5 Qty 25)	W 1792 x H 1400 pixels
Size	W 25 x H 12 ft
Cabinet Material	Iron
Driving Mode	1/7 scan
Input Power Frequency	50 or 60 Hertz
Input Voltage	110-220VAC
Blind Spot Rate	<1/10000
Lifetime at 50% Brightness	100,000 hours
Ingress Protection	Front: IP65, Back: IP54
Operation Temperature	- 20 °C ~ + 50 °C
Operation Humidity	10% ~ 90%
Max Power Consumption	80W/sq.ft
Average power Consumption	10-40W/sq.ft
Control System	VX600
Input Interface	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI, HDSDI