

Scoring & Timing Solution

For Baseball

This is a general solution for LED display in baseball stadium which has the functions of timing, scoring, displaying advertisement, notification and the information of teams. It is an ideal choice for most of stadiums.

1. System Chart



1.1 System Structure Description

- 1) LED screen is controlled by a PC which connects with LED sending card.
- 2) The PC is installed Ultra score software for the scoreboard display.
- 3) Referee does the scoring and timing operation on score tablet directly.
- 4) Ball speed sensor is equipped courtside, connected with referee's PC via wireless host to track the serve speed in real time automatically.
- 5) Display for ball speed sensor is equipped to display real time ball speed data.

2. Specification for products

2.1 Ultra Score Software

Products	Details
Standalone edition	<ul style="list-style-type: none">◆ Installed on one PC.◆ Supports: Baseball◆ English version◆ Including 1 dongle
Standard network edition	<ul style="list-style-type: none">◆ Terminal + 1 Display◆ Supports: Baseball◆ English version◆ Including 1 dongle
Professional network edition	<ul style="list-style-type: none">◆ Terminal + 2 Display◆ Supports: Baseball◆ English version◆ Including 1 dongle

Difference:

Standalone Edition:

Match management, Scoring, and Media display functions, all in one installed on a PC. Referee must do operation on the PC for display directly.

It is suitable for the stadium where has just one screen, which doesn't have strict needs of the scoring and timing accuracy.

Network Standard Edition:

Score terminal and media player functions can be installed on 2 PCs respectively. So that one independent PC can be setup on the court side special for referee's operation, the other PC running as media player to manage the LED display.

It is suitable for the stadium where has one screen, needs to do the scoring and timing on the court side.

Network Professional Edition:

Except the function of score terminal, 1-3 media players can be equipped on PCs separately, in order to display different contents on several LED screens.

It is suitable for the stadium where has more than 2 screens where referee need to do scoring on the court side and LED screens need to display different contents separately. (For example, one LED screen is for scoreboard and another is for advertising or player info).

Scoring and timing display for baseball

		1 2 3 4 5 6 7 8 9 10 11 12												R	H	E								
7	Chen Kun SS	China	0													0	0	0	18	Aoki	SS			
4	Li Liang LF																		15	Miyamo	3B			
2	Wang Na 2B			Japan	0	0	0													0	0	0	9	Morino
3	Xu Zheng 3B	00:00												BALL			0	20	Inaba	LF				
5	Lv Gang CF	PITCH SPEED												STRIKE			0	11	Arai	2B				
8	Chen Yi P	AVG												HR			0	5	Shitsuno	C				
6	Zhang Li RF	RBI												R				22	Araki	CF				
9	Liu Kai C																	6	Sato	RF				
1	Li Chen 1B													OUT			0	1	Wada	P				

Features

- (1) Professional scoreboard display: Scoring and timing operation, layout of scoreboard can meet international game rules.
- (2) Match management: Information of match, team and team members can be saved in advance. And referee's scoring operation during the match can be recorded and output.
- (3) Scoring functions: Record the scores in the match and display the score on the LED screen.
- (4) Timing functions: Include operation and display of game time, pause time and system time.
- (5) Convenient operation feeling: Referees can do operation on a special score console as well as by using shortcuts on the keyboard.
- (6) Powerful media player: Kinds of media formats are supported. It is easy to switch between the scoreboard and video.
- (7) Notification: Rolling to display short notice on the screen which allows to set the speed, colors, fonts freely.
- (8) Customization: All contents on the scoreboard including fonts, color and layout can be modified to meet clients' needs.
- (9) Self-adaptation: With easy configuration, score information can be displayed on kinds of LED and LCD screen by using this system which can adjust the layout to meet any sizes of screen.
- (10) Security: Auto backup function will help you recover the match immediately from the computer fault.

2.2 Wireless Score Tablet

Item	Details
Wireless Score Tablet	<p>Type: KS-GC14</p> <ul style="list-style-type: none"> ◆ Including one license of Lightscore software ◆ Screen: 10"inch 2560*1600IPS ◆ Ram: 3GB ◆ Storage: 32GB ◆ Battery: 9300mAh ◆ System: Android 6.0 ◆ Supports: Baseball ◆ Communication: WIFI ◆ Full colored touch screen



2.3 Wireless Host

Products	Detail
Wireless Host	Type: KS-BSPD-WH Size: 140x120x30 (mm) Communication: 433MHz Function: <ul style="list-style-type: none">◆ System: Must be used together with Ultra score software.◆ Communication Setting: allow to customize the communication frequency band.◆ Communication distance: 20m



2.4 Ball Speed Sensor

Item	Details
Ball speed sensor	<p>Type: KS-BSPD-SENSOR</p> <ul style="list-style-type: none">◆ Speed Range: 5-890MPH◆ Accuracy: +/-0.1 MPH◆ Max Distances: 300 feet◆ Support: Baseball◆ The sensor is compatible with Ultra score software.◆ Track baseball ball speed on serves and returns from courtside game after game.



2.5 Display for Ball Speed Sensor

Products	Details
Display for Ball Speed Sensor	Type: KS-BSPD-SCREEN Size: 620x190x45 mm Color: Yellow Support: Display ball speed Communication Interface: RJ45 network cable



2.6 Baseball Pitch Clock

Products	Details
Pitch Clock	Type: KS-BSPC Size: 710x610x60 (mm) ◆ Single side ◆ Weight: 10KG ◆ Power: 60W* ◆ Material: Aluminium ◆ Communication: Wired ◆ Functions: Be used together with Baseball scoring software, display the pitching countdown.



2.7 Baseball Scoreboard Screen

Products	Details
Baseball Scoreboard Screen	Type: KS-BSO-SCREEN Size: 1350x1000x150 mm Communication: Internet

