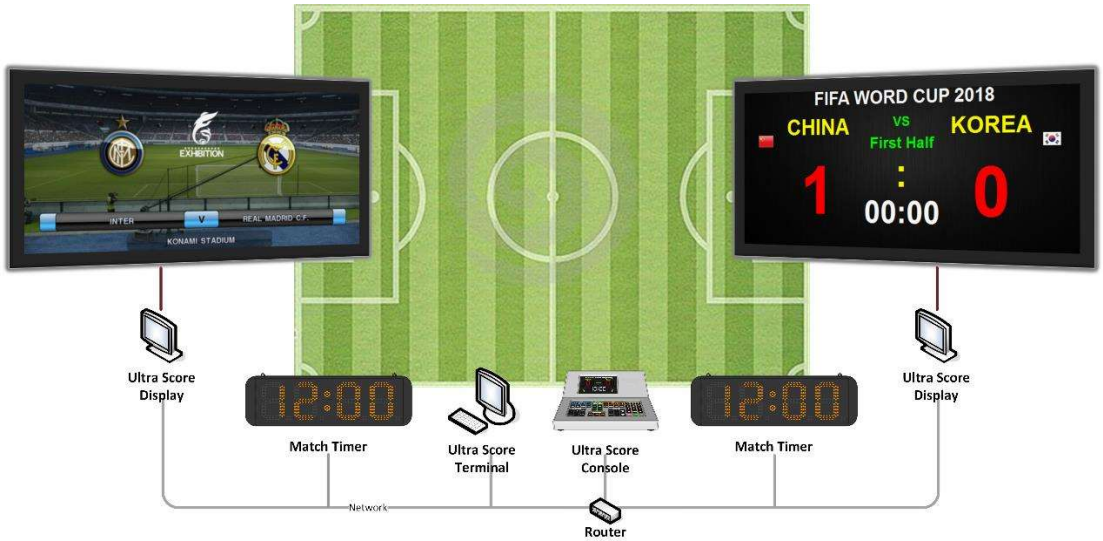
Scoring & Timing Solution for Soccer

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

1. System Chart



1.1 System description

1) One or two LED screens are equipped for one court, controlled by two computers to display scoreboard, live video and advertisement.

2) Ultra score software is installed on the computer to accomplish the functions of event arrangement, scoring and timing, players and referees' information and advertisement.

3) The score console is equipped for one court, connected to PC running Ultra score software by wire or via WIFI, working as scoring and timing terminal special for referees' operation.

4) Match timer: Hanged on the court, display the match time synchronous with scoring system.

2. Specification for products

2.1 Ultra Score Software

Products	Details
Ultra Score	◆ Standalone edition ◆ Supports: Soccer ◆ Including 1 dongle
Ultra Score	◆ Standard network edition (Terminal + 1 Display) ◆ Supports: Soccer ◆ Including 1 dongle
Ultra Score	◆ Professional network edition (Terminal + Referee + 2 Display) ◆ Supports: Soccer ◆ 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 courtside 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 courtside.

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 courtside 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).

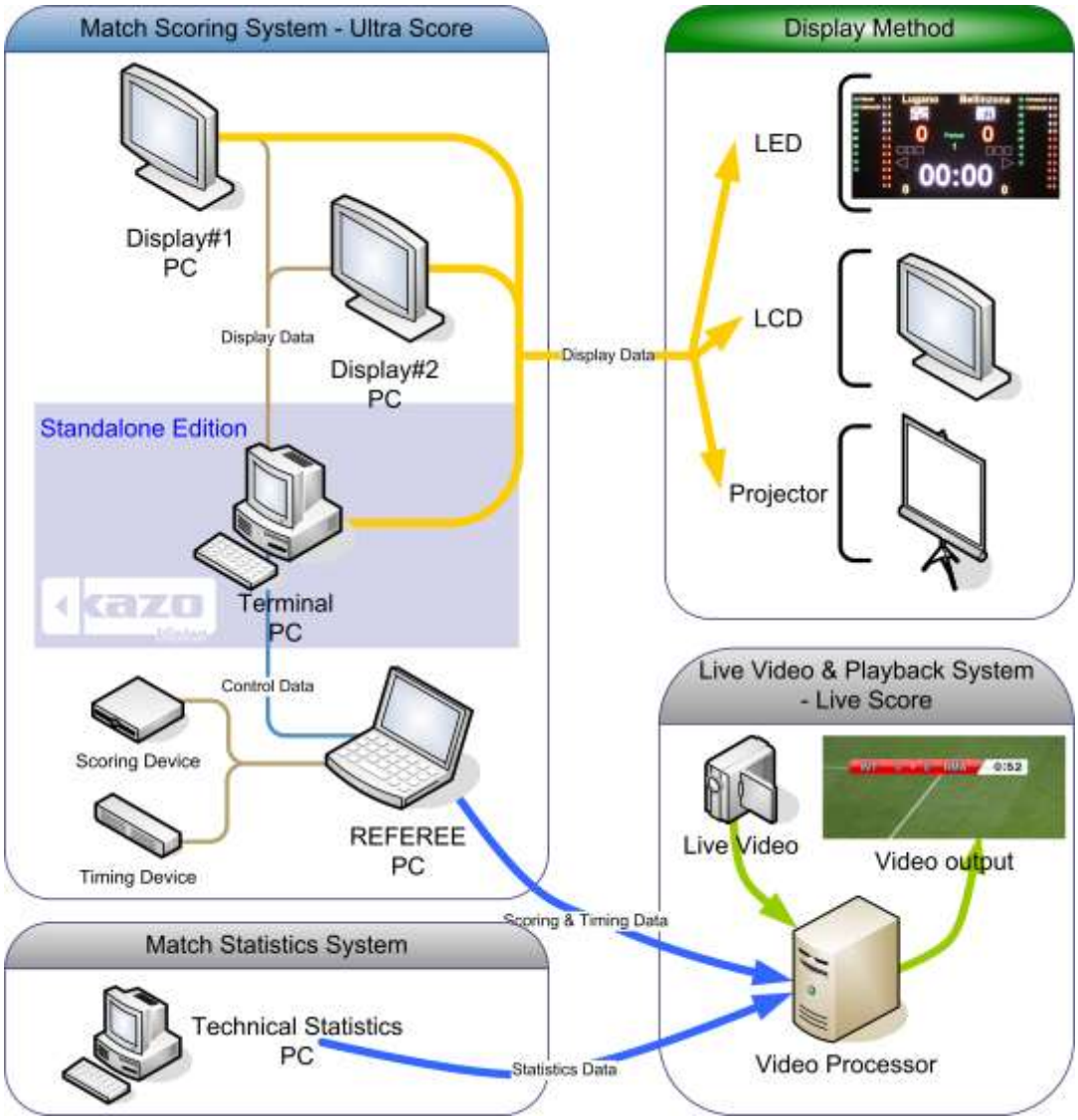
Scoring interface for soccer

Score:

Player:

Referee:

System Diagram:



Features

(1) Professional scoreboard display: Scoring and timing operation, layout of scoreboard can meet international game rules.

(2) Match management: Information of match, team, team members and coaches can be saved in advance. And referee's scoring operation during the match can be recorded and output.

(3) Scoring functions: Include operation and display of teams and players' point, foul and substitutions.

(4) Timing functions: Include operation and display of game time, pause, break time, count down 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 Wire / Wireless Score Console

Item	Details
Score Console	Type: KS-GC16 Size: 330x290x140(mm) ◆ Used with the Ultra score software ◆ Communication: 1*Ethernet, 1*WIFI ◆ With 7” full color LCD screen ◆ Material: Plastic ◆ Support: basketball, volleyball, soccer, handball ◆ Modify the score of the team and player. ◆ Player Yellow / Red card. ◆ Player substitution. ◆ Match timer control. Adjust the match timer.

2.3 Lite Console

Item	Details
Lite Console	Type: KS-GC15 Size: 265x220x100(mm) ◆ Used with the Ultra score software ◆ Communication: USB, RS485 ◆ With 4.3” color LCD screen ◆ Material: Iron + Plastic ◆ Support: basketball, volleyball, soccer ◆ Functions: Modify team score. ◆ Match timer control. Adjust the match timer.

2.4 Soccer Substitution Panel

Item	Details
Soccer Substitution Panel	Type：KS-SC20 Size：600x300x30(mm) ◆ Double sided board. ◆ Display the player number for substitution. ◆ Display the extra time.

2.5 Match Timer

Item	Details
Match Timer	Type：KS-SCRN-7SEGMENT ◆ Size：620x190x45(mm) ◆ Weight: 0.6 KG ◆ Color：Yellow ◆ Communication: RJ45 network cable ◆ Functions: Synchronously display the match time.