



Scoring & Timing Solution for Sepak-Takraw



1. Introduction

This is a professional solution for LED scoreboard display in Sepak-Takraw stadiums.

Mainly for large-scale Sepak-Takraw matches which held in professional sports venues.

The system functions conform to ISTAF rules.

Match arrangement, real-time scoring & timing display, players' & referees' info display, rank statistics export & print, and advertising display can be realized through the coordination of Match Scoring System, Meet Management System, etc.

It is an ideal choice for most of smart and professional stadiums.

1.1 System Architecture

The whole system is composed of several subsystems, including: Match Scoring System and Meet Management System.

Each subsystem can not only work independently, but also work together to share the data.

It is flexible for customers to configure according to the actual application.

- **Match Scoring System**

Match Scoring System named ULTRA SCORE is composed of Ultra Score Software, Wireless Score Tablet, etc.

It is mainly operated by the referees to realize the scoring and timing work and real-time scoreboard display.

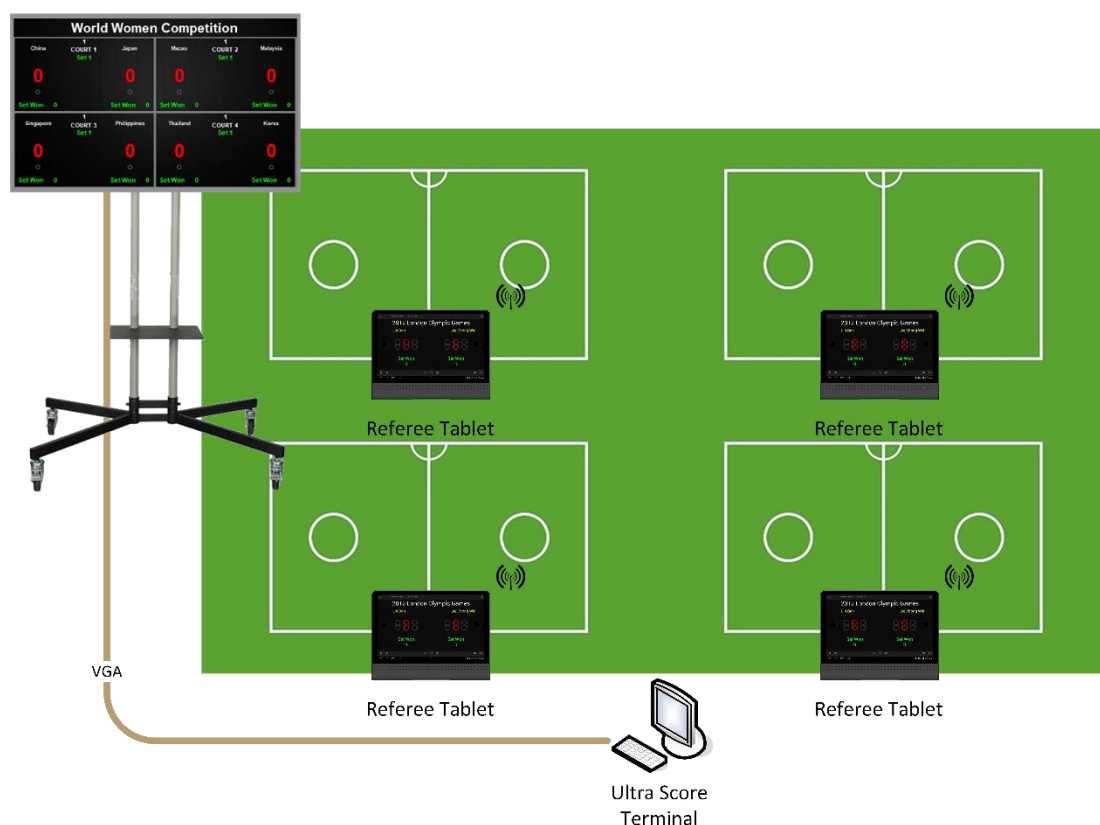
The system functions conform to ISTAF rules.

- **Meet Management System**

It is composed of Meet Management Server, On-Venue Results Workstation, Printer, etc.

Linking with Online Registration System and Match Scoring System, it can realize: participants management, match schedule, result management, technical statistics, court arrangement, rank statistics, etc.

1.2 System Chart



System Description

- 1) The system has the functions of scoring, timing and displaying in the mode of one court and multi courts.
- 2) It supports tournament schedule and result exporting.
- 3) In every court, one set of score tablet, ultra score software and LCD TV shall be equipped to manage and display the information of the score, players and sets.
- 4) The score information of every court will be gathered to display on the LED screen at the same time.

1.3 Features

- (1) Scoring functions: Display the current score and the set score.
- (2) Professional scoreboard display: Scoring and timing operation, layout of scoreboard can meet international game rules.
- (3) 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.
- (4) Convenient operation feeling: Referees can do operation on a special score console as well as by using shortcuts on the keyboard.
- (5) Powerful media player: Kinds of media formats are supported. It is easy to switch between the scoreboard and video.
- (6) Notification: Rolling to display short notice on the screen which allows to set the speed, colors, fonts freely.

- (7) Customization: All contents on the scoreboard including fonts, color and layout can be modified to meet clients' needs.
- (8) 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.
- (9) Security: Auto backup function will help you recover the match immediately from the computer fault.

1.4 Product Configuration (for one court)

Product	Type	Qt.
Ultra Score Software	Standard Network Edition	1
Wireless Score Tablet	KS-GC14	1
LCD Display	48inch LCD	1
Meet Management Server	KS-MMS-MINI	1
Router	D-Link	1
PC	Dell	1

2. Specification for products

2.1 Ultra Score Software

Products	Details
Ultra Score	<ul style="list-style-type: none">◆ Standalone edition◆ Supports: Sepak Takraw◆ English version◆ Including 1 dongle
Ultra Score	<ul style="list-style-type: none">◆ Standard network edition (Terminal + 1 Display)◆ Supports: Sepak Takraw◆ English version◆ Including 1 dongle
Ultra Score	<ul style="list-style-type: none">◆ Professional network edition (Terminal + Referee + 2 Display)◆ Supports: Sepak Takraw◆ 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.

Standard Network 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.

Professional Network Edition:

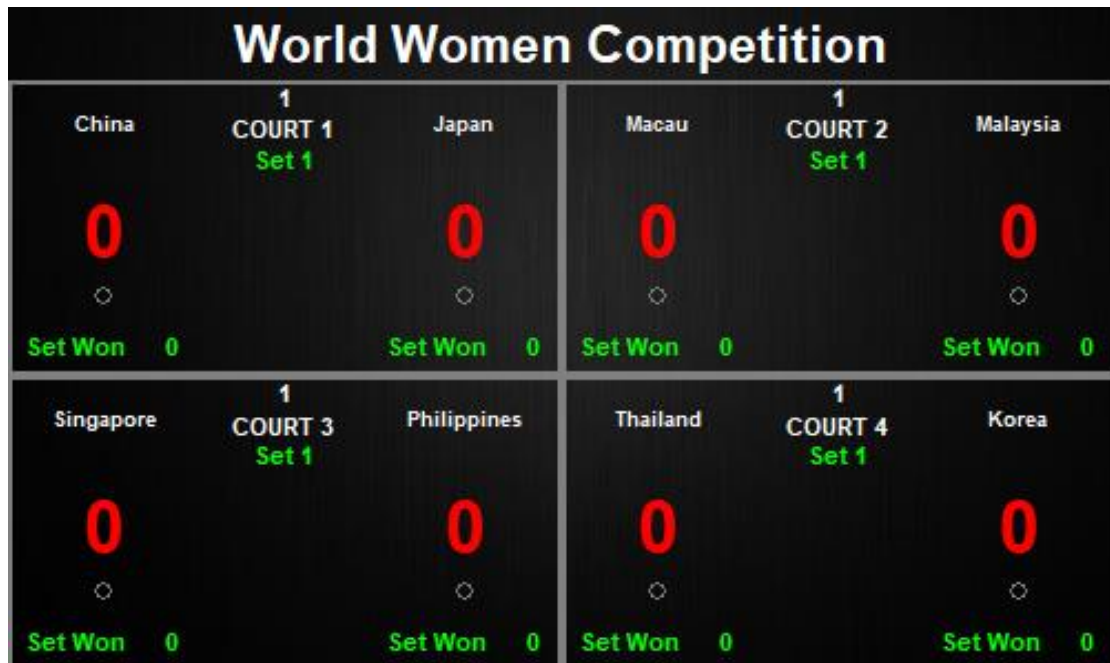
Except the function of score terminal, 1-3 media players can be equipped on PCs separately, in order to display different contents on several LED screens.

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).

One court mode for Sepak Takraw



Multi Court mode for Sepak Takraw



2.2 Wireless Score Tablet

Products	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: Sepak Takraw ◆ Communication: WIFI ◆ Full colored touch screen



2.3 Meet Management Server

Products	Details
Meet Management Server	<p>Type: KS-MMS-MINI</p> <p>Size: 170x150x35 (mm)</p> <p>Weight: 1.0 KG</p> <p>Features:</p> <ul style="list-style-type: none">● Multi-court arrangement, auto generate the order form.● Multi-project arrangement, make the schedule more smoothly.● Monitor the status of each court in real time, including the current field, rotation and player info.● Court adjustment, can manually modify the match court and session info.● Summary and print integrated report.

