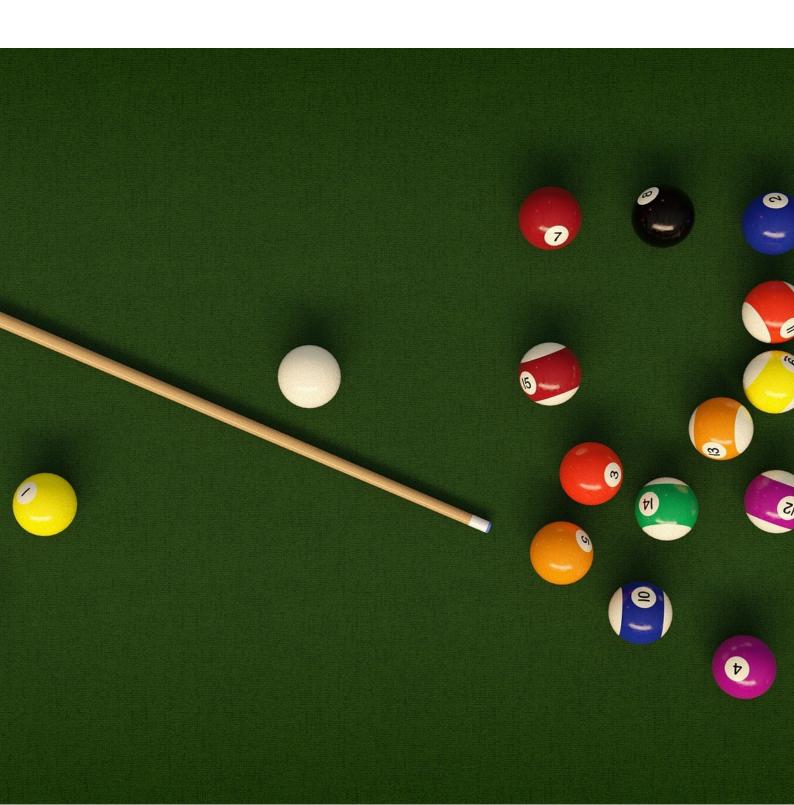


Scoring & Timing Solution for Billiard



1. Introduction

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

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

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 Product Configuration

Product	Model	Qt.
Ultra Score Software	ULTRASCORE STANDALONE	1
Score Display Software	SCB VIEWER	1
Meet Management Server	KS-MMS-MINI	1
LCD TV	48inch LCD	1
TV Brackets	/	1
Switcher	TP-Link	1
Router	TP-Link	1
Printer	НР	1
PC	Dell	3



2. Specification for products

2.1 Ultra Score Software

Products	Details
Ultra Score	◆ Standalone edition◆ English version◆ Including 1 dongle
Ultra Score	 ◆ Standard network edition (Terminal + 1 Display) ◆ English version ◆ Including 1 dongle
Ultra Score	 Professional network edition (Terminal + Referee + 2 Display) English version Including 1 dongle

2.1.1 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).

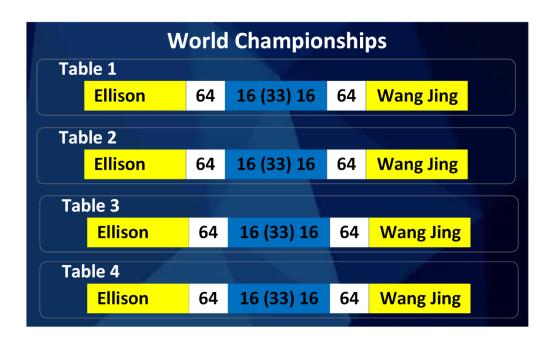


Display effects:



2.1.2 Score Display Software

Products	Details
Score Display Software	 Model: SCB VIEWER Support: Billiard Layout of scoreboard can meet international game rules. All contents on the scoreboard including fonts, color and layout can be modified to meet clients' needs. Used for displaying player information, score and bureau score of a single court. Used for displaying player information, score and bureau score of multiple sites. The summary display screen can automatically adjust the display layout according to the competition process. The picture is updated in real time according to the referee's operation. Automatic data backup. In case of computer failure or power failure, the previous screen will be restored after restart.



2.1.3 Meet Management Server

Products	Details
Meet Management Server	Model: KS-MMS-MINI Size: 260x135x35 (mm) Weight: 1.0 KG Input Voltage: 12V DC RAM: 4GB CPU: Intel J3160 Hard Disk: 64G Communication: LAN*1 Port: VGA*1, DP*1, USB*2 Features: 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.

