# Scoring & Timing Solution For Badminton

## 1. System Chart

**Profile:**

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. It also has lots of multi-media functions which can switch between scores and advertisements display.
4. In every court, one set of wireless scoring tablet, scores display controller and LED monitor shall be equipped to manage and display the information of the score, players and sets.
5. The score information of every court will be gathered to display on the LED screen at the same time.

**Features**

(1) Professional scoreboard: Scoring and timing operation, the layout of scoreboard meets the international game rules.

(2) Score function: Includes the operation and display of teams and players' point, foul and substitutions.

(3) Timing function: Includes the operation and display of game time, pause time, break time, count down time and system time.

(4) Referee control: Referees can make score on a special score console or by using a shortcut on the keyboard.

(5) Powerful media player: It supports a variety of media formats. It is easy to switch between the scoreboard and video.

(6) Notification: It supports roll to display various notifications on the screen which allows to set the speed, colors, fonts freely.

(7) Customization: All contents in the scoreboard including fonts, color and layout can be modified to meet the effect of 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 adapt the score layout to any sizes of screen automatically.

(9) Security: Auto backup function will help you recover the match immediately from the computer fault.

## 2. Specification for products

### 2.1 Ultra Score Software

| Products | Details |
|---|---|
| Ultra Score | ◆ Standalone edition<br>◆ Supports: Basketball, Soccer, Volleyball, Badminton, Table-tennis, tennis<br>◆ Including 1 dongle |
| Ultra Score | ◆ Network standard edition (Terminal + 1 Display)<br>◆ Supports: Basketball, Soccer, Volleyball, Badminton, Table-tennis, tennis<br>◆ English version<br>◆ Including 1 dongle |
| Ultra Score | ◆ Network professional edition (Terminal + Referee + 2 Display)<br>◆ Supports: Basketball, Soccer, Volleyball, Badminton, Table-tennis, tennis<br>◆ English version<br>◆ Including 1 dongle |

**Difference:**

**Standalone Edition:** Match management, Scoring, and Media display functions, all on one PC. The referee must operate on the PC for display directly.

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

**Network Standard Edition:** The scoreboard and media display function can be put on an independent PC. So the referee can operate on the PC beside the field which don't need to connect to the screen directly.

It is Suitable for the stadium where has one screen, but need to scoring and timing beside the field.

**Network Professional Edition:** The referee can score beside the field. And the operation of advertising can be on an independent PC. There can also be several PCs for displaying scoreboard and advertising.

It is suitable for the stadium where has two or more screens, the referee need scoring beside the field, or the screens need display different contents. (For example one LED screen is for scoreboard and another is for advertising or player info).

**One court mode for badminton:**

**Multi Court mode for badminton:**

## 2.2 Lite Console

| Item | Details |
|---|---|
| **Lite Console** | Type:LSP-GC15 Size: 265x220x100(mm)<br>◆ Used with the Ultra score software<br>◆ Communication: USB, RS485<br>◆ With 4.3” color LCD screen<br>◆ Material: Iron + Plastic<br>◆ Support: Badminton<br>◆ Functions: Operate the score and set points, modify the set.. |

## 2.3 Wireless Score Tablet

| Products | Details |
|---|---|
| **Wireless Score Controller Tablet** | Type： LSP-GC14<br>◆ Including one license of Lightscore software<br>◆ Support： Basketball, handball, football, Badminton, table tennis<br>◆ Ram： 8G<br>◆ Supporting: WIFI<br>◆ Full colored touch screen |

**2.4 Score Display Controller**

| Products | Details |
|---|---|
| **Score Display Controller** | Type：LSP-BM10 Size：142*87*62(mm)<br>◆ In multi-court mode, used to display the information of the score, players and set for each court.<br>◆ Output：1024×768<br>◆ Output score display to one LCD monitor.<br>◆ Screen will be updated in real time based on the referee's operation. |

Display interface

Device parameters

| | |
|---|---|
| Model | LSP-BM10 |
| Platform | Freescale |
| Chassis | |
| Color | Black |
| Dimension | 142mm × 87mm × 62mm (W×D×H) |
| Material | Aluminium alloy |
| CPU | Freescale Cortex™-A9 i.MX 6 series (Single-core/dual-core/ Quad Core CPUs) |
| Memory | Onboard 1GB/2GB DDR3 800MHz RAM |
| Storage | |
| Flash | Onboard 4GB/8GB iNAND flash |
| TF/HDD | 1x SATA2,1x Micro SD(determined by the CPU model, optional) |
| System | |
| LAN | 10/100/1000Mbps ,1x LAN,1x USB-WIFI, 3G (optional) |
| USB2.0 | 2x USB2.0 on front panel ,1x USB OTG |
| Serial Port | 5X 4 -wire serial port, COM2: RS422/485 |
| Display | 1x HDMI, 1x VGA |
| Audio | 1x Mic, 1x Headphone |
| Power | |
| Power Supply | DC +12V Power Adapter |
| Reliability | |
| Installation | Desktop Installation or Wall mount |

| | |
|---|---|
| Operating Temperature | -20℃～60℃ |
| Storage Temperature | -40℃～80℃ |
| Relative Humidity | 5%～95%, relative humidity, non-condensing |
| Vibration Test | 0.5grms/5~500Hz/random operating |
| EMC | CE/FCC Class B |