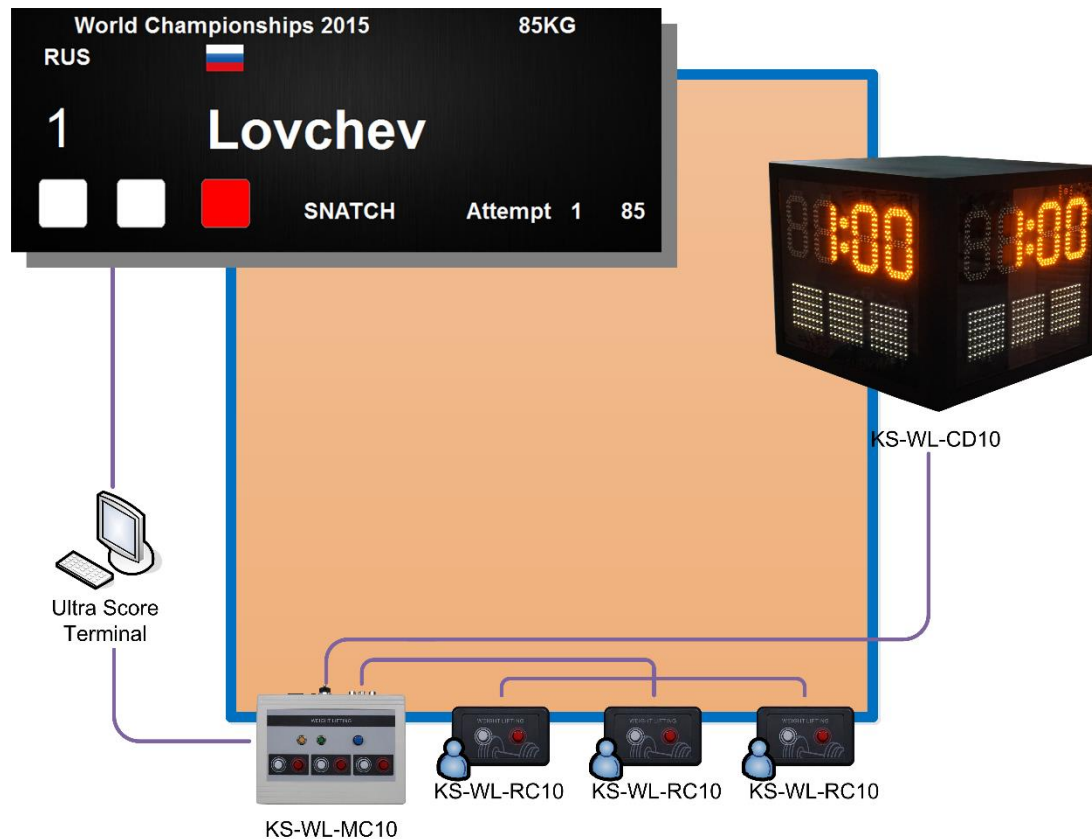


Scoring & Timing Solution For Weightlifting

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

1. System Chart



1.1 Connection Description

- 1) Support for Wrestling referee scoring.
- 2) Display various scoring information.
- 3) Auto generate, export and print the order form.
- 4) Record results, and generate reports.

1.2 Product Configuration (for one court)

Product	Type	Number
Match Scoring System		
Ultra Score Software	Standalone Edition	1
Weightlifting Main Controller	KS-WL-MC10	1
Weightlifting Referee Controller	KS-WL-RC10	3
Weightlifting Timer	KS-WL-CD10	1
PC	/	1
LCD Display	/	1
Printer	/	1
Video Arbitration System		
Video Arbitration Server	KS-PARROT-2C	1
Control Panel	KS-PARROT-CP	1
HD Camera	/	2
Tripod for HD Camera	/	2
SDI Cable	15m	2
LCD Monitor	21.5 inch	1

2. Specification for products

2.1 Ultra Score Software

Products	Details
Standalone edition	<ul style="list-style-type: none">◆ Installed on one PC.◆ Supports: Weightlifting◆ English version◆ Including 1 dongle
Network standard edition	<ul style="list-style-type: none">◆ Terminal + 1 Display◆ Supports: Weightlifting◆ English version◆ Including 1 dongle
Network professional edition	<ul style="list-style-type: none">◆ Terminal + Referee + 2 Display◆ Supports: Weightlifting◆ 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 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 weightlifting:

World Championships 2015 85KG

RUS 

1 **Lovchev**

   SNATCH Attempt 1 85

2.2 Weightlifting Main Controller

Product	Detail
Weightlifting Main Controller	Type: KS-WL-MC10 Size: 275x210x65(mm) <ul style="list-style-type: none">◆ Support: Weightlifting◆ Support 3 referee controllers.◆ Support connecting with Weightlifting Timer.◆ Synchronize with Weightlifting Scoring Software.



2.3 Weightlifting Referee Controller

Product	Detail
Weightlifting Referee Controller	Type: KS-WL-RC10 Size: 140x120x30(mm) <ul style="list-style-type: none">◆ Support: Weightlifting◆ Cabinet: Plastic.◆ Synchronize with Weightlifting Scoring Software.



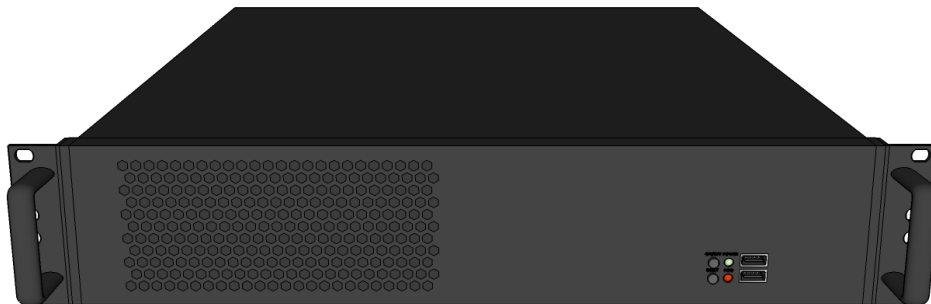
2.4 Weightlifting Judge Controller

Product	Detail
Weightlifting Timer	Type: KS-WL-CD10 Size: 650x650x510(mm) <ul style="list-style-type: none">◆ Support: Weightlifting◆ Cabinet: Iron◆ Display the match timer.◆ Display white or red light according to the operation of judges.



2.5 Video Arbitration Server

Products	Details
Video Arbitration Server	Type: KS-PARROT-2C/4C/6C/8C Video Input: 2/4/6/8 channels input synchronously; Input port: SDI; Output port: DP*2; Video Format: 1080P; Recording capacity: ≥ 10 hours; Multi-screen monitoring: supported; Weight: 8kg.



Software interface



Device Specification

Type	KS-PARROT-2C/4C/6C/8C
Size	485x480x90(mm)
Net Weight	8 KG
Color	Black
Cabinet	Iron
Interface	
Input	SDI*2/4/6/8
Output	DP*2
Environmental	
Operating Temp	-5°C~45°C
Storage Temp	-40°C~80°C
Relative Humidity	5%~95%, non-condensing
Input Voltage	AC 100V~240V
Functions	
<ul style="list-style-type: none">● Nonstop video recording in the background: 2/4/6/8 channels of HD video are recorded simultaneously in the background, nonstop for 10 hours. Video retrieval and playback is unaffected.● Synch-playback of multi-channel video: Supports playback mode of single channel video in full screen and multi-angle video in 2/4/6/8 windows.● Speed change in slow motion: support 50 frame/s video playback and capture motion in a grid of 0.02s.● Video event query: video stream can be divided into several video events, storing in the event list, which can be renamed for retrieve easily.● Video segment marker: Important or controversial moments can be marked in video stream which will be replayed quickly when clicking the marked records.● Video signal output: provides 2 video output signals, one of which is for preview, the other of which can be connected to LED/LCD display for live slow motion replay.	

2.6 Control Panel

Products	Details
Control Panel	<p>Type: KS-PARROT-CP</p> <p>Function:</p> <ul style="list-style-type: none"> ◆ Support one touch replay, deferred replay, in/out replay. ◆ Preset speed button. ◆ T-Bar for dynamic slow motion. ◆ Professional dynamic jog wheel. ◆ Key to mark the last 10s/20s of the video content. ◆ Flexible select the marked video and playback.



Device Specification

Type	KS-PARROT-CP
Size	365 x 200 x 98 (mm)
Net Weight	1 KG
Cabinet	Iron
Display	Color LCD(4.3Inch)
Sound	None
Communication	
USB	≤5m
RS232	≤10m
Environmental	
Operating Temp	-5~45°C
Relative Humidity	5~95 %, non-condensing
Storage Temp	-40~80°C
Input Voltage	AC 100V-240V
Total Power	15W