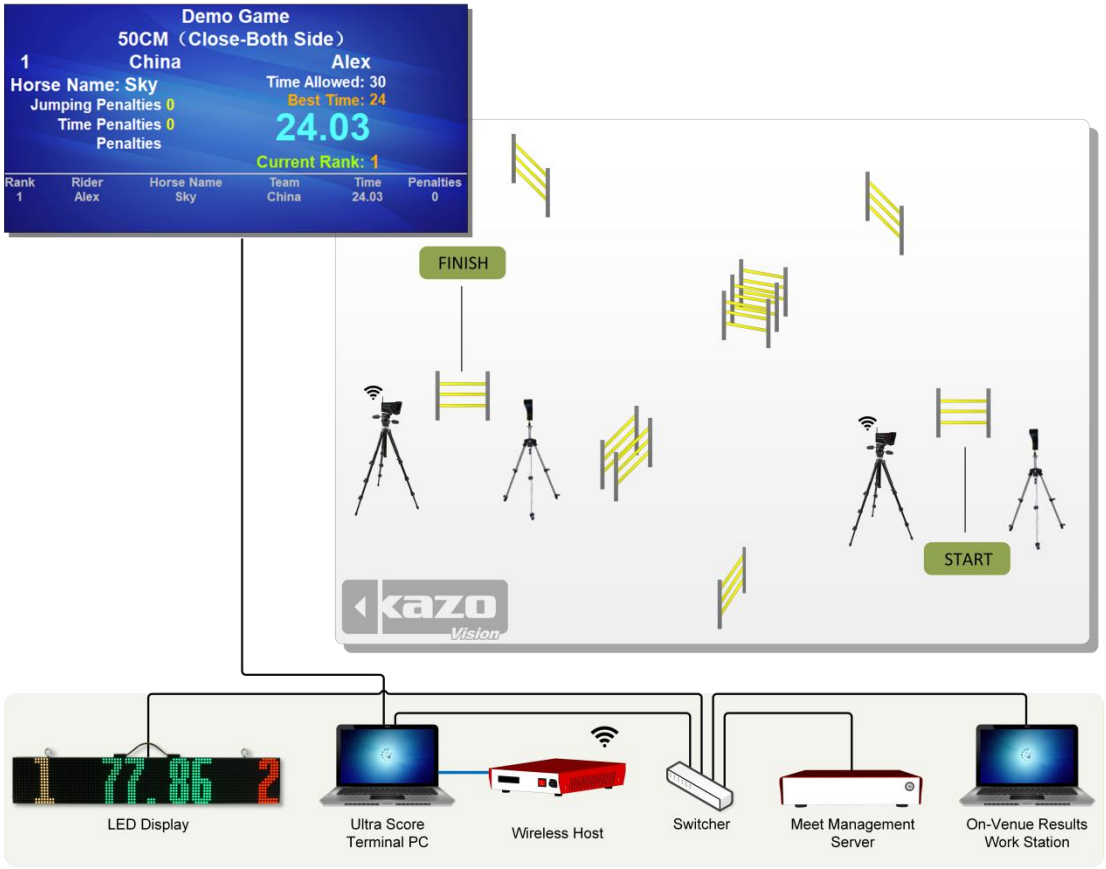
Scoring & Timing Solution for Show Jumping

1. Introduction

This is a general solution for LED display in show jumping stadium which has the functions of timing, scoring and displaying advertisement, notification, the information of order, score and result. It is an ideal choice for most of stadiums.

1.1 System Chart



System Description

1) Two LED screens are controlled by separate computer which connects with LED sending card.
2) One laptop is equipped on the court working as Ultra score terminal special for referees' operation.
3) All computers are connected into LAN in stadium.
4) Wireless Transmitter (KS-LDWT) connects with the control computer via a USB cable.

2. Specification for products

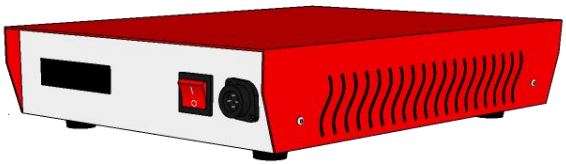
2.1 Ultra Score Software

Products	Details
Network standard edition	◆ Terminal + 1 Display ◆ Supports: Equestrian (Show Jumping) ◆ English version ◆ Including 1 dongle

Software interface for equestrian

2.2 Wireless Host

Item	Details
Wireless Host	Type: KS-WH-G Size: 280x200x50 (mm) Communication: 433MHz Wireless Communication distance: 100m Function: ◆ Must be used together with Show Jumping Scoring Software.



2.3 Wireless Photocell

Item	Details
Wireless Photocell	Type: KS-PTCL Size: 180x85x50 (mm) Communication: 433MHz Wireless Function: ◆ Must be used together with Show Jumping Scoring Software. ◆ Detect the cut off of the light, and send the wireless signal. ◆ Light detect distance 12M. ◆ Can be setup as Start, Finish, or the Finish of the 2nd phase easily.

2.4 Reflect Panel

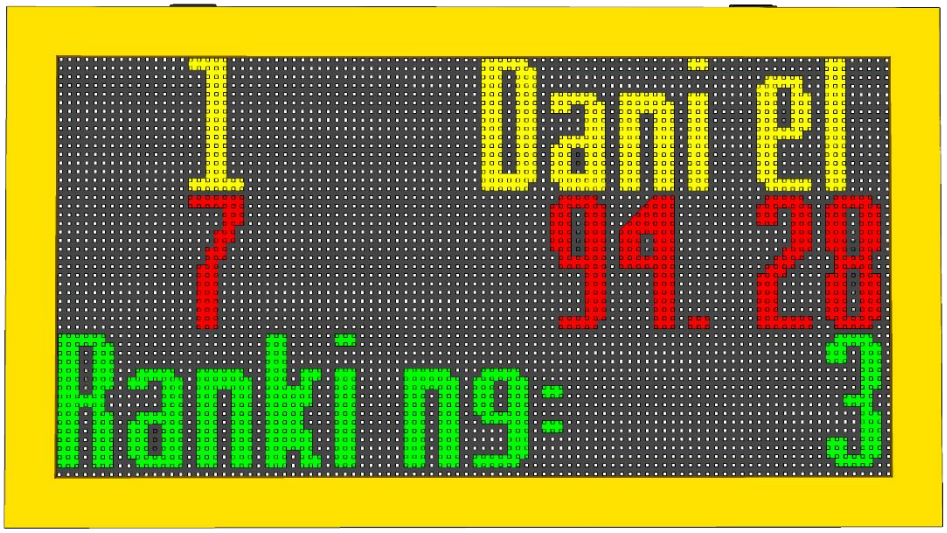
Item	Details
Reflect Panel	Type: KS-PTCL-REFL Size: 90*130*55(mm) Function: ◆ Reflect the light from the photocell.

2.5 LED Display

Item	Details
LED Display	Type: KS-SCRN-LED960160 Size: 960*160*100(mm) Material: Aluminum Input: 48V DC Function: ◆ Must be used together with Show Jumping Scoring Software. ◆ Display athlete's number and name. ◆ Display athlete's number, current time and penalty. ◆ Display athlete's number and rank.

2.6 LED Display

Item	Details
LED Display	Type: KS-SCRN-LED960480 Size: 1080*600*145(mm) Material: Aluminum Function: ◆ Must be used together with Show Jumping Scoring Software. ◆ Display athlete's rank, name and match time.



2.7 Timing & Penalty Display

Item	Details
Timing & Penalty Display	Type: KS-TRISCRN-LED960320 Shape: Trihedral Size: 960*320(mm) Material: Iron LED Module: Outdoor Bright Full-color Dot Spacing: 10mm Color Gray Scale: 256 Waterproof Grade: IP65 Interface: RS485, wireless 433MHZ Input Voltage: AC160V-AC240V 50HZ Supporting Power Cable: RVV 3*2.5 15m Supporting Data Cable: 10m Function: ◆ Display the countdown before the game, game timing and penalty.

2.8 Score Display Software

Item	Details
Score Display Software	Type: ULTRASCORE VIEWER Support: Equestrian (Show Jumping) Functions: ◆ 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.

2.9 Meet Management Server

Products	Details
Meet Management Server	Type： KS-MMS-MINI Size: 170x150x35(mm) Weight: 1.0 KG Features: ● Easy to create an match, and import the match entry information. ● Arrangement the match with variants of game systems. Including elimination, round-robin, etc. ● Provide the match information to the scoring software on each venue/court. ● Gather the real time score and statistics information from the scoring software. Monitor the progress of the match. ● Generate standard reports for the match, including start-list, results, combined results, ranking, etc. ● Print certifications with adjustable print templates. ● Print the team score report. ● Open interface with ODF compatible data feed.