

Intuitive On-Device AI Solution

viztrick **AiDi**⁺



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Intuitive On-Device AI Solution

1. No Internet Required AI Technology

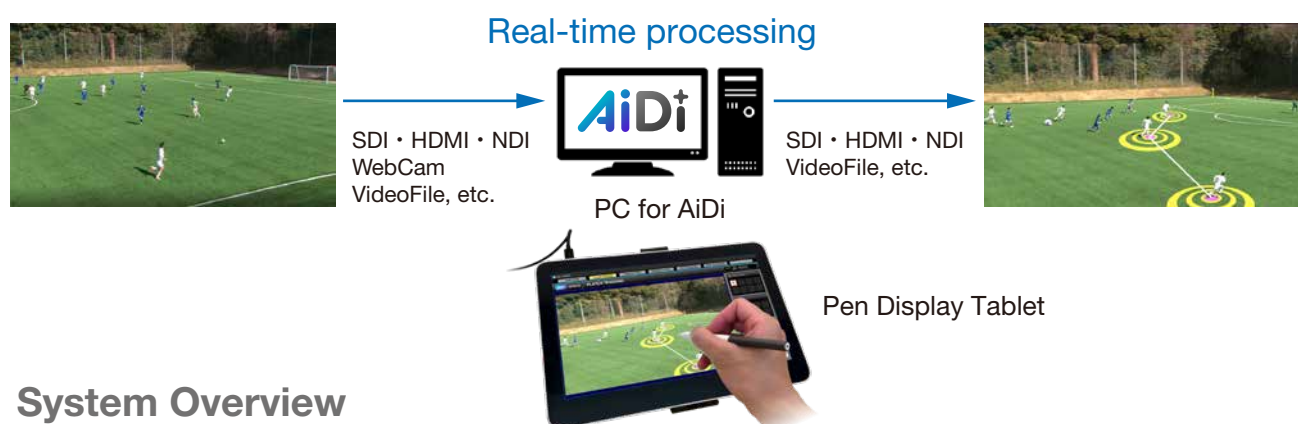
An innovative new system that automates and simplifies broadcast operations in real time using a single PC.

2. Ease of Use & Creative Power

Refined through practical production experience, offering intuitive operation and creative freedom using broadcast-quality graphic technology.

3. Machine Learning from Vast Video & Audio Data

High-precision processing achieved through the analysis of broadcast archives.



System Overview



①Mode Switch ②User Interface ③Settings ④Output Format ⑤Tool Pallet ⑥Tool Details ⑦Action Controls

Operation screen of an LCD pen tablet

S-PKG 001 : AiDi SPORTS PACKAGE 1.0

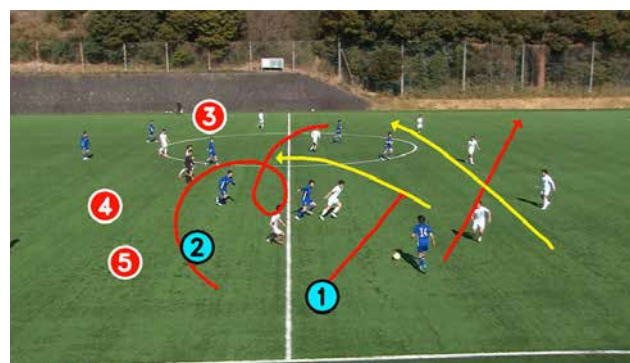
2D Video Pen (For Soccer and Baseball)



- **Brush** : Draw freehand lines on the screen
- **Arrow** : Draw arrowed lines on the screen
- **Number** : Display circled numbers on the screen



Pen tablet operation



Video output

On-screen graphics remain in place even while the camera pans.

Soccer

2.5D Ground Drawing (For Soccer)



- **Brush** : Draw freehand lines on the field display
- **Arrow** : Draw arrowed lines on the field display

With AI field recognition, pen-drawn graphics on the tablet are overlaid onto the video and stay fixed to the field even during camera movements.



Video output

- **Player Track** : Displays a circular or rectangular marker at the player's feet



Pen tablet operation



Video output

AI technology recognizes each player. Simply tap a player with the pen to instantly display a circular or rectangular marker at their feet, which tracks their movements in real time.

Motion Data (For Soccer)



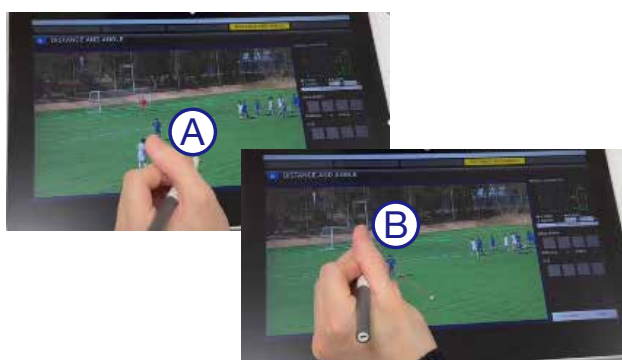
• Player Speed : Player speed display

The AI technology recognizes both the field and each player. Simply tap a player on the tablet to display and automatically track their speed.

• Player Distance : Distance between players

The AI technology recognizes both the field and each player. Simply tap two players on the tablet to display and automatically track the distance between them, along with a connecting line.

• Distance & Angle : Distance & angle display



Pen and tablet operation

The AI technology recognizes the field. Simply tap two points (A and B) on the tablet to display the distance and angle between them.



Video output

Other Features (For Soccer)



• Face Tagging : Recognizes players from video and displays their profile



Based on AI face recognition, the system instantly suggests a profile graphic. Player face information and profiles can be pre-registered or registered on-site. * Once finalized, design remains set for future use.

Baseball

2.5D Ground Drawing (For Baseball)



- **Brush** : Draw freehand lines on the field display
- **Arrow** : Draw arrowed lines on the field display

With AI field recognition, pen-drawn graphics on the tablet are overlaid onto the video and stay fixed to the field even during camera movements.



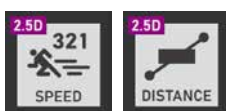
• Player Tracking :

Displays a circular or rectangular marker at the player's feet

AI technology recognizes each player. Simply tap a player on the tablet to instantly display a circular or rectangular marker at their feet, which then tracks their movements in real time.



Motion Data (For Baseball)



• Player Speed : Player speed display

The AI technology recognizes both the field and each player. Simply tap a player on the tablet to display and automatically track their speed.



• Player Distance : Distance between players

The AI technology recognizes both the field and each player. Simply tap two players on the tablet to display and automatically track the distance between them, along with a connecting line.

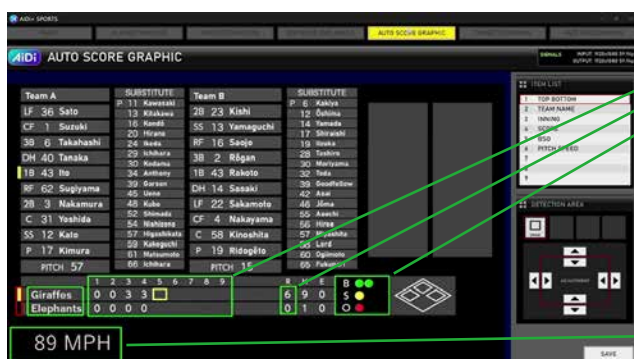




Other Features (For Baseball)

• Auto Score Graphics : Creating Graphics from Score Data

Scoreboard Data

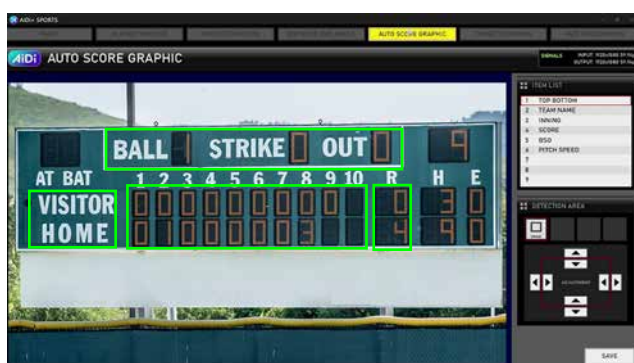


Graphics Added



Pen tablet operation

Video output



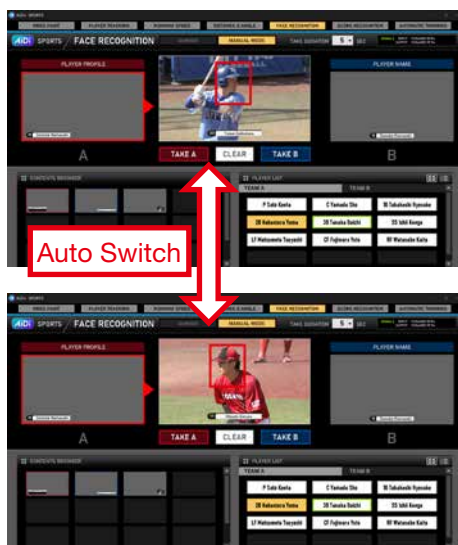
Pen tablet operation



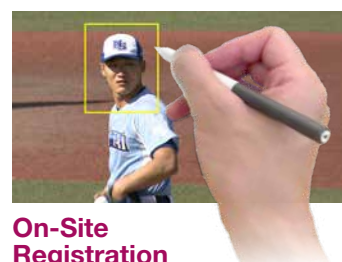
Video output

Simply select the part of the scoreboard or image you want to display, and AI technology automatically generates the score graphic.

• Face Tagging : Recognizes players from video and displays their profiles



Pre-Registration with Player Photos



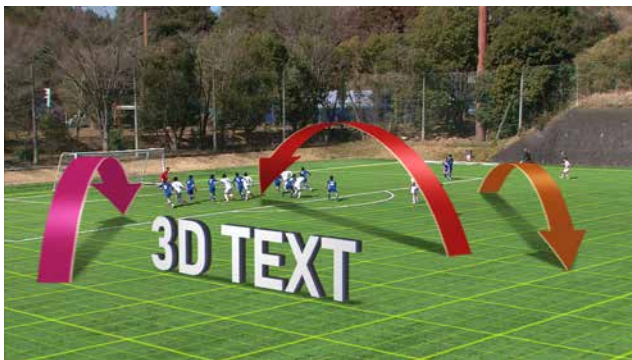
On-Site Registration

Based on AI face recognition, the system instantly suggests a profile graphic. Player face information and profiles can be pre-registered or registered on-site. * Design is set for future use.

Upcoming Sports *Subject to change

- Basketball
- Rugby
- Table tennis
- Volleyball
- Badminton
- Boat racing
- Bicycle racing

Upcoming Features *Subject to change



3D Graphics



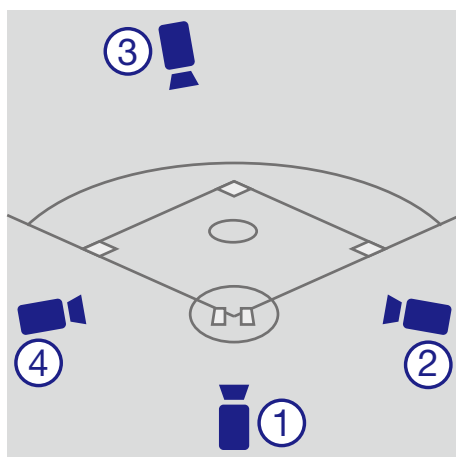
Facial Recognition PTZ Camera Auto-Tracking



Golf Ball Tracking (with Sensors)



Ball Trajectory Display



Automated Broadcast Production



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