



Player Analysis Technology Approval certificate

Hawk-Eye

Test code: PAT-13-002

Serial no: n/a

Software version(s): n/a

Firmware version: n/a

Issue date: 24 December 2013



Objective: To test and evaluate Hawk-Eye Player Analysis Technology according to Rule 31 of the 2014 Rules of Tennis.

Result: Approved

SUMMARY

Multiple cameras fixed around the court are used to capture images of play. The cameras are connected to personal computers (PCs) on a wired, isolated network. Software, on the network, is used to reconstruct the ball and player trajectories in three dimensions from the camera images and a virtual model of the court.

The trajectory information is used to generate virtual replay graphics of the flight of the ball and movement of the players, and match statistics.

The event owner/sanctioning body/customer determines the information that can be distributed by Hawk-Eye. Information can be sent to the in-stadium display, TV broadcast and internet-enabled devices. The provision of line call replays to the in-stadium display is controlled by the chair umpire (and review official).

Restrictions on the access by a player to Hawk-Eye components during periods when coaching is and is not allowed are as follows:

COMPONENT	NO COACHING	COACHING
Video cameras	Permitted	Permitted
Two-way radio	Not permitted	Permitted
In-stadium display	Permitted	Permitted
Auxiliary device (e.g. smartphone)	Not permitted	Permitted