



Player Analysis Technology Approval certificate

Wingfield

Test code: PAT-19-019

Serial no: n/a

Software versions:
0.1.13 (iOS), 0.1.12 (Android)

Firmware version:
0.2.4

Issue date: 29 April 2019



Objective: To test and evaluate Wingfield Player Analysis Technology according to Rule 31 of the 2019 Rules of Tennis.

Result: Approved

SUMMARY

A pair of cameras mounted above the net post and an additional camera at one end of the court capture images of play. The cameras are connected by cables to a central unit fitted to the net post (the "BOX") which houses a processing unit and touchscreen display. Software on the processing unit reconstructs the player positions and ball trajectories in three dimensions from the camera images.

Players must log in to the Wingfield server, by scanning a QR code using the BOX, to start data capture. No coaching information is displayed on the BOX. Players must end the session before match data are uploaded to their account. Coaching information, such as match statistics, ball speeds and ball bounce locations are then available on an auxiliary device (e.g. smartphone) via the Wingfield app.

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

COMPONENT	NO COACHING	COACHING
Wingfield BOX (cameras and display)	Permitted	Permitted
End-court camera	Permitted	Permitted
Auxiliary device (e.g. smartphone)	Not permitted	Permitted

NOTE Approval does not attempt to, nor does it in fact, establish the accuracy or reliability of data or fidelity of its transmission, including (but not limited to) the provision of 'in/' 'out' decisions for the purposes of line-calling.