



# CIVA Technical Data Sheet

Name + logo :

Tablet based score-sheet scanner / transmitter

Photos / screenshots :



Brief :

Folding wood frame created to hold a tablet (a Samsung Android 8" in this case, but could be any suitable such as iPad etc. The Samsung units have good photo capability, essential for this task) over a placeholder for locating A4 paper judges scoresheets. Here a separate 3G/4G dongle is used to add WiFi capability to email files as required. Even if there is no 3G/4G connection the tablet stores a complete set of all judges sheets so that if any papers are "lost" then the tablet can provide replacements.

Key functions :

Take a photo of each judges score-sheet from a sequence flight using Android "TabScan" app (also available for iPad) that enables the photos to be made high-contrast, grouped into a single multi-page pdf and stored on the tablet, then emailed to the scoring office or some easily established email address.

Intended users :

Chief Judges assistant, or a spare person on the judging line.

Intended operation :

Judges scoresheets are collected after each flight, checked by the Chief Judge, then passed to the tablet operator who uses this equipment to create a pdf of the whole set which can be immediately emailed to the scoring office.

Similar systems :

None known.

Interfacing systems :

Requires that the tablet has built-in WiFi or there is a separate WiFi 3G/4G dongle as shown here.

Requirements :

Tablet with good photo capability - not all tablets have this!

Main system components :

Tablet, structure to hold the tablet over a paper location tray, WiFi capability (inbuilt or a separate 3G/4G dongle) for transmission of grouped photos to scoring office.

Hardware performance specs :

As above.

<b>Data :</b>	<b>Trials show the best solution is to use an app like CamScan to enable scans of the paper sheet to be grouped into high-contrast pdf's for emailing purposes.</b>	
<b>Where to find :</b>	<b>Home built folding structure, Samsung 8" tablet, Huawei 4G mobile WiFi unit etc.</b>	
<b>Manual :</b>	<b>None required ...</b>	
<b>Developer :</b>	<b>Nick Buckenham</b>	
<b>Developer contact info :</b>	<b>Email: <a href="mailto:nick@nickandjenb.co.uk">nick@nickandjenb.co.uk</a> or mobile: +44 7773 768386</b>	
<b>Last updated date :</b>	<b>23 september 2016</b>	
<b>Last updated by :</b>	<b>NHB</b>	
<b>Signed off date :</b>	<b>June 2016</b>	
<b>Signed off by :</b>	<b>Nick Buckenham - CIVA President</b>	