

HSV Swimming System

The High Speed Video system is a combined hardware/software solution for measuring times within the recorded video. To perform this, the cameras are directed at the finish line, or the point of interest and the start signal is connected. The recordings are saved to hard disks and can be monitored directly after recorded or opened and reviewed when needed.

In the image you get the time of day and the current race time, making it easy for the operator to scroll to the correct position in the video and read out the time. If the start was missed for some reason, the time of day is also shown, making it easy to calculate the correct time together with the main timekeeping system.

The cameras capture over 100 frames per second, making it easy to get a good image of the finish line to easily be able to get to the correct frame.



The latest development is incorporated in our last version based on all our collected knowledge from previous installation and customer feedback. Here we have made it easier to control and simplified several stages of the timekeeping process. It is now based on a new background platform that will allow, as an option, to attach extra control computers and make the system even easier to control and optimized.

Multiple cameras can be viewed at the same time. The standard Swimming system for 8 lanes consists of 4 cameras per side that are hanged above the finish line, 1 camera capturing 2 lanes. For a 10 lane pool it is possible to add an additional camera capturing the last lanes. It can be attached with fix mounting directly in the ceiling, on a Truss or in Poles depending on arena size and specifications.

Camera framerate	100 FPS
Camera Zoom	6x
HSV Computer	Intel I7 4 GHz, 8Gb RAM
Recording disks	1TB SSD for each camera
Network Switch	24 Ports with PoE for powering cameras
Monitor Size	24"

