



TAGHeuer
by
LYNX

PHOTO-FINISH MotorSport TLMS



Professional
MotorSport
WORLD EXPO 2011
AWARDS
Nomination

Photo-Finish MotorSport - TLMS

The new « TAG Heuer by Lynx » Photo Finish Camera

The new strategic add-on to the TAG Heuer Timekeeping product line bridges photocell and transponder technologies, enabling comprehensive timing "Global solutions" and perpetuating TAG Heuer's commitment to precision timekeeping for its traditional Motorsport Sports markets.

Alone in the timekeeping territory, TAG Heuer Timing is now able to propose a product offer, based on the three most precise timing technologies: digital finish cameras, transponders and photocells .

The three technologies available are fully integrated to provide a timing resolution of up to 1/10,000th of a second with visual proof for every lap and/or competitor and each system acting for a back-up for the other.

The TAG Heuer by Lynx Photo finish cameras are proposed in all-inclusive packages, dedicated to the demanding requests of the Motorsports markets.

Distinctive Features

- Full integration with TAG Heuer by Chronolec decoders and TAG Heuer Timing CP540, for Intermediate and Lap Timing; each system acting as a back up for the other.
- Sharing of the timing data from each independent system across a secure, fully redundant results network to assure the accuracy and integrity of results.
- Rule based software protocol for automatic export of visual data to officials' remote computers allowing for rapid and indisputable decisions

Specifications

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|--------------------------------|---|
| Maximum Time Resolution: | 1/10,000th of a second |
| Sensor Type: | Single Line CCD |
| Maximum Acquired Image Height: | 4000 pixels |
| Maximum Line-Scan Rate: | 10,000 lines/sec. |
| Maximum Pixel Rate: | 40 Million Pixels/sec |
| Maximum Pixel Depth: | 2 Million colours |
| Internal Memory: | 512 Mb |
| Capture Method: | Manual, Automatic, Photo Eye, Timed |
| Standard Lens Mount: | F-mount w/ Reflex Viewer Auto Iris control |
| Maximum Frame Height: | 4000 pixels |
| Image Compression: | Real-time Lossless |
| Distance from Computer: | Up to 2000 m |
| Time Base: | ± 1ppm from -30 to 50° C |
| Computer Interface: | Wired Ethernet |
| Power: | 12 V DC or 90-264 V AC, 47-63Hz |