



I.A.A.F. APPROVED TWO CAMERA PHOTO FINISH SYSTEM, REMOTE CAMERA ADJUSTMENT, ULTRASONIC WIND GAUGE

I.A.A.F. Track and Field Facilities Manual

[I]t is essential to ensure that the resolution [of the Timing Camera] meets the requirements (approximately 1,000 pixels in height). The minimum number of columns for the smallest measured unit should be 10 as otherwise the accuracy of the last decimal cannot be guaranteed (if times are measured to the nearest hundredth of a second the resolution should be 1000pixel/s...)

Section 5.2.1 (2003 Edition)



The Lynx GRAND PRIX package gives an Athletics competition the security of full redundancy. Two cameras, linked to two separate start detection systems, underpin the package and provide the combination of accuracy and security demanded by high-level competitions.

This packaged solution builds on the components of the CHAMPIONSHIP ELITE Package: IAAF compliant wireless start system and wind gauge, through-the-lens viewer, remote control lens functions, remote control camera adjustment, alphanumeric scoreboard. To this extensive list of Lynx technology is added an AirLynx wireless network and an EtherLynx PRO camera as the primary photofinish camera.

The EtherLynx PRO included with the GRAND PRIX solution is fast and powerful – up to 3000 images a second. The combination of high quality images and the ability to operate wired or wirelessly is an introduction to the state-of-the-art for photo finish technology.

Components

- **Primary Camera** - 3000 frames/second, timing enabled, color **EtherLynx PRO**
 - F-mount through-the-lens alignment viewer with Remote Iris control
 - Nikon F-mount 80mm-200mm f/2.8 Zoom lens
- **Backup/Reverse Angle Camera** - Fully Upgradeable 2000 frames/second, timing enabled, Wireless enabled, Color **EtherLynx Fusion**
 - F-mount through-the-lens alignment viewer
 - F-mount 24mm - 70mm f/2.8 Zoom lens
- **Full-Frame Video Camera:** Fully integrated **IdentiLynx** video images synchronized with photo finish camera, complete with lens, power supply, cabling and tripod.
- Complete Professional Tripod and mounting hardware with precision adjustment for both cameras
- All-inclusive Camera and Start Cable sets
- Built-in interface to scoreboards and wind gauges
- **FinishLynx 32** - Multi Language* Photo Finish Software
- **LynxPad** - Multi Language* Event Management Software
- IAAF Compliant Wireless Start Detection System
- Remote Control Camera Positioning platform
- Ultrasonic (IAAF compliant) Wind Gauge
- 9-digit alphanumeric scoreboard/running time clock and tripod
- Automatic race-image capture software plugin that also operates as a photocell to control the running time clock at the finish line
- AirLynx Wireless infrastructure for secure and reliable communication with **EtherLynx Fusion** camera and other Lynx devices (i.e. included ultrasonic wind gauge)
- Amplified Antenna for 802.11g Wireless network

* See Website for current listing. FinishLynx available in English, Spanish, French, Arabic, German, Italian, Korean, Portuguese (Brazil), Russian, Swedish, Finnish, Chinese (Simp.), Chinese (Trad.), Japanese

With the Grand Prix solution Lynx brings together three important concepts in an all-inclusive package: quality, simplicity and regulatory compliance - all the components meet, or exceed, the requirements of the I.A.A.F.

The EtherLynx cameras in the package, can take up to 3,000 frames/second, at up to 1350 pixels of vertical resolution, for unparalleled image quality, and they can be upgraded to even higher resolution, and they can operate wirelessly.

