

IdentiLynx HRS High Resolution/Speed

The **IdentiLynx HRS** is an Ethernet-based, full-frame digital video camera that integrates with EtherLynx photo-finish cameras to produce time-stamped finish line videos. **IdentiLynx** video cameras provide high-resolution/speed, front-facing video that is time-synchronized inside FinishLynx to quickly and accurately identify competitors at the finish line.

The **IdentiLynx HRS** offers many advantages over the standard IdentiLynx, including higher image resolution and speed, variable frame rates, and more capture modes. The standard IdentiLynx camera maxes out at 1280 x 960 pixels, while the IdentiLynx HRS captures up to **3840 x 2160 at 10 fps** or **1280 x 720 at 60 fps**. It also offers several improvements over past IdentiLynx models. The camera includes an auto-iris motorized lens so the zoom and focus can be adjusted remotely within the FinishLynx software while the Iris adjusts automatically. It also has a sturdy housing that protects the lens and rear connections from moisture and damage. Set up the IdentiLynx HRS at your finish line and start capturing high-definition, time-stamped videos at all your races.



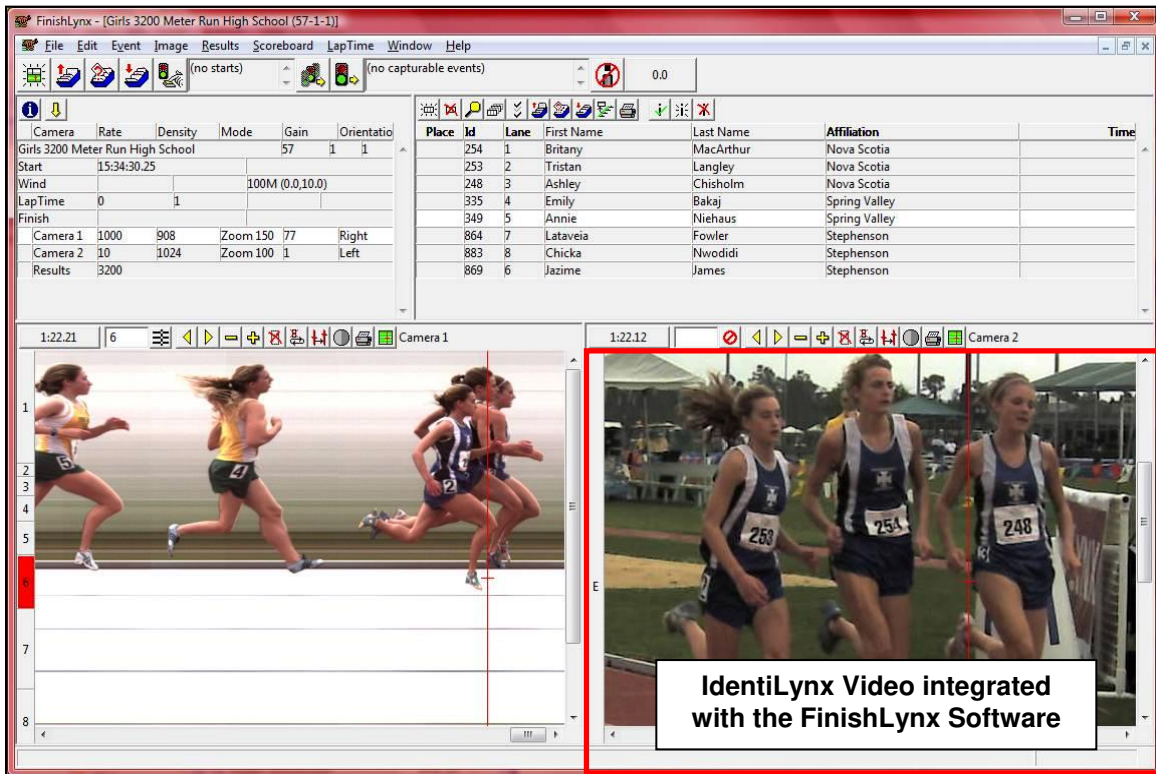
Compare the IdentiLynx HRS Camera with the Standard IdentiLynx

- The IdentiLynx HRS offers several improvements over the standard IdentiLynx, adding increased image resolution, variable frame rates, and a remote control lens.
- 15 different capture modes allow you to optimize the capture rate/resolution for your event.
- Adjust the camera's remote control focus and zoom from within the FinishLynx Software.
- The sturdy, weatherproof housing protects the lens and connections from damage.

IdentiLynx Model	High Res./Speed (HRS)	Standard (SR)
Max Resolution	3840 x 2160 @ 10 fps	1920 x 1080 @ 30 fps
Max Frame Rate	60 fps @ 1280 x 720	30 fps (1920 x 1080)
Resolution 1	320 x 240 @ 60 fps	n/a
Resolution 2	720 x 480 @ 60 fps	n/a
Resolution 3	800 x 600 @ 60 fps	n/a
Resolution 4	1280 x 720 @ 60 fps	n/a
Resolution 5	1280 x 960 @ 45 fps	n/a
Resolution 6	1920 x 640 @ 45 fps w*	n/a
Resolution 7	1920 x 1080 @ 30 fps	n/a
Resolution 8	2048 x 1536 @ 20 fps	n/a
Resolution 9	2304 x 768 @ 30 fps w*	n/a
Resolution 10	2592 x 1944 @ 15 fps	320 x 240 @ 30 fps
Resolution 11	2688 x 1520 @ 15 fps	720 x 480 @ 30 fps
Resolution 12	3072 x 1024 @ 20 fps w*	800 x 600 @ 30 fps
Resolution 13	3264 x 1840 @ 10 fps	1280 x 720 @ 30 fps
Resolution 14	3840 x 1280 @ 15 fps w*	1280 x 960 @ 30 fps
Resolution 15	3840 x 2160 @ 10 fps	n/a

w* denotes wide format

Athlete Identification Has Never Been Easier



IdentiLynx HRS Hardware Specifications

Shutter Speed	Automatic
JPEG image quality	Up to 8 megapixels
Gain	Automatic
Lens	3.6-10mm, 2.8X optical zoom, f/1.5 – f/2.8, Auto-Iris, Remote Zoom/Focus (auto-focus)
Power Supply	Power-Over-Ethernet (PoE 802.3af) up to 19.68W
Dimensions	3.50" (89mm) (D) x 6.7" (170mm) (L)
Weight	2.6 lb (1.2 kg)
Construction	Plastic and aluminum

Integration with FinishLynx Timing Software

- Remotely adjust the camera's zoom and focus within the FinishLynx software to optimize image quality.
- IdentiLynx video is automatically time-synced with the photo-finish image – clicking on a finish line capture will instantly show the corresponding front-facing video frame.
- IdentiLynx videos can be advanced and rewind frame-by-frame to ensure timers can find frames with a clear bib/hip number. Videos can also be reviewed in real time while the race is still underway.
- Overlay athlete names, times, and affiliations on the video frames from inside FinishLynx.
- IdentiLynx cameras can be used with the Automatic Capture Mode (ACM) plug-in.
- FinishLynx enables the standard EtherLynx camera features to be used with IdentiLynx cameras, including zoom, automatic scrolling, gamma, brightness, and contrast adjustment.
- IdentiLynx video images are stored on the computer as individual images and can be printed directly from the FinishLynx software, either with or without included results.
- IdentiLynx videos can be manually cropped, viewed in forward or reverse, viewed at different speeds, exported to AVI format, and uploaded to the internet if desired.