NiNOX Video Cameras

High-Speed, High-Definition Video Analysis

- 2D Markerless Tracking
- Automated Gait Analysis
- Synchronized Visual Reference

NORAXON®

Markerless Tracking

Noraxon's 2D Markerless Tracking engine features angle tracking displayed on video, access to time series data for each angle, along with automated contact detection for gait & running analysis.

2D Markerless Tracking is designed for activities like:

Hip Flexion RT: 17°

Knee Flexion RT: 15°

Ankle Dorsiflexion RT: -4°

Gait & Running　　**Jumping**　　**Bike Fitting**　　**Range of Motion**

NiNOX High-Speed Cameras

NiNOX Video Cameras offer selectable frame rates and crisp imaging, empowering users across industries to capture dynamic movements with clarity and precision.
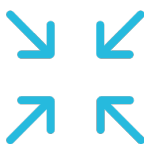
NĪNOx™120

NĪNOx 120

NORAXON

Key Features:

Crisp Reference Video
Record sharp, dependable video for synchronized data collection—ideal for use alongside EMG, IMU, force, and other sensor modalities.

Portable and Functional
Compact and durable camera featuring built-in USB 3.1 and sync cables, compatible with standard Windows camera drivers.

Efficient Compression
Capture high-quality footage with built-in MJPEG compression, keeping file sizes manageable without compromising clarity.

FRAME RATE: 60 FPS, 120 FPS
RESOLUTION: 1920x1080, 1280x720, 640x480

NĪNOx™240c

NĪNOx

Key Features:

Perfectly Sharp, Every Frame
A global shutter ensures distortion-free images, even during rapid movement, capturing every frame with absolute clarity and precision.

Versatile Lens Compatibility
With a C-mount and options for 3.5mm and 4.5mm lenses, you can customize your field of view to capture close-up details or wider perspectives.

High Speed Precision
Record every split-second with up to 240 frames per second, delivering smooth, high-speed footage ideal for motion analysis and precise visual insights.

FRAME RATE: 30 FPS, 60 FPS, 120 FPS, 240 FPS
RESOLUTION: 1440x1080, 720x540