



InSight Video Camera Module

Product:  Accessory



See what they see! Video Cameras for GPS and VHF Collars

This innovative video camera module was designed for a large variety of Lotek's new generation of LiteTrack collars. A camera can be mounted and integrated with technologies such as nCounter contact proximity, data loggers or collars with satellite remote communication capabilities. The video camera can work independently based on a pre-programmed schedule or can be activated by events such as mortality, activity patterns, birth, virtual fence and contact/regular proximity.

Options

- Camera can record video&audio, or stills and video&audio
- Programmable schedules
- Selectable Image/Video Quality

Features:



Video



Audio

Intelligent system:

The video camera module can work independently or integrated with other collars features.

Light weight:

less than 500g

Battery life:

4000 video clips, 30s each

Product Applications

Human – Wildlife conflict, Public Education and Relations, Community outreach, Foraging behavior, Nutrition analysis, Survival rates, Proximity – Disease transmission, Habitat use and movement behavior.

Specifications available on LiteTrack 420 model	
Weight (g) (Including housing)	<500g (Camera adds 50g to LiteTrack 420 model)
Camera life	Estimated at 40 hours of video footage divided into 15-120 second clips
Size (LxWxH) (mm)	73 x 65 x 45
Video size	HD (1280 x 720), VGA (640 x 480)
Image size	VGA, HD, SXGA, UXGA, QXGA
Audio	Built in microphone
Memory	MicroSD card up to 256GB

Stills taken from actual video camera collar footage



Mother-fawn & intra-species interaction

Foraging bite rate & calorie consumption



Highway corridor & herd coherence

Technical specifications:

Operating Temperature: -20° C to 50° C

Humidity: 5% - 95%

Data Retention Range: -25° C to 55° C

Warranty

Contact one of our telemetry specialists for details about our warranty. For Warranty terms and conditions, please review our [Warranty Statement](#).