



InSight Video Camera Module

Product:  Accessory

Fallow deer (*Dama dama*)



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.



	InSight S	InSight L
Weight (g) (Including housing)	<500	~850
Camera life	Estimated at 40 hours of video footage divided into 12-120 second clips	Estimated at 80 hours of video footage divided into 12-120 second clips
Camera position	Lens can be positioned on the front or side	
Size (LxWxH) (mm)	73 x 65 x 45	120 x 86 x 126
Video size	HD (1280 x 720), VGA (640 x 480)	
Image size	VGA, HD, SXGA, UXGA, QXGA	
Audio	Built in microphone	
Memory	MicroSD card 256 GB and 512 GB available	

Features and specifications subject to change without notice.

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](#).

