

# Terrestrial Crittercam System Specifications

## Physical Description

- Weight in air 3.5 pounds
- Operating temperature -5° to 40°C (23° to 104° F)

### Housing:

- Construction aluminum housing (waterproof)
- Dimension 2.63(W) x 5.85(L) x 4.56(H) inch
- Profile rectangular box

### Collar:

- Construction canvas with plastic core
- Dimension 2" wide
- Profile belt
- Inner diameter 8 inch and up

## Electronics

- Head lights high efficiency light (red, green, blue) or infrared
- Battery 16V Li rechargeable, 20-30 hours of operation
- Control telemetry, programmable and power save mode
- Transmitter range 3 mile range open ground
- Camera color or b&w with IR headlight
- Audio yes
- Field of view 92° (diagonal)

## Release:

- Electronic release
- Remote release
- Backup release

## Transmit and Tracking Frequency:

- Transmitter Frequency:
  - Video 478MHz, 900MHz
  - Telemetry 433MHz
- Transmitter Power up to 1W
- VHF (150 MHz) ~10 km (line-of-sight)
- Satellite (ARGOS) global range