

TRAILMASTER®

Infrared Trail Monitors

TM700v™ *Passive Infrared* VideoTrail Monitor

Can be used with all TRAILMASTER accessories
(not TM35-1 Camera Kit)



Includes:
Infrared Receiver
TM25' Video Camera Cable
Nylon mounting strap

RECEIVER
4.75"L x 3.25"W x 3.25"D
Weight: 12 oz.
Power: 4 c-cell batteries
(ALKALINE)

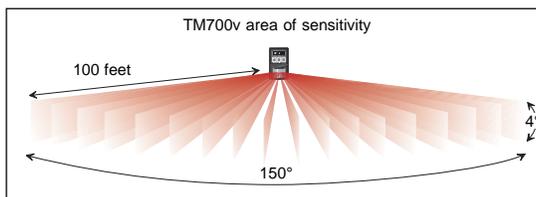


The TM700v Passive Infrared Video Trail Monitor can be easily mounted to a tree or post. This photo shows the TM700v mounted with the TM Video Camera, the TM Weather-Proof Video Enclosure, and the TM Video Light. The light is pictured here with the red light cover. Clear and infrared light covers are also available with the system.

- Detects body heat (heat differential) and motion
- Operates over a range of 100 feet
- Can store over 1000 events
- Records date of event and time to the minute
- Operates 12 months on C-cell batteries
- Monitors and records Video Camera functions
- Burst or Continuous video
- Compact and easy to set up
- Weather-proof (temp. range: -40°F to +130°F)

The TRAILMASTER TM700v opens the door to the most exciting trail monitoring ever. This passive infrared monitor intelligently controls and monitors a video camera while at the same time recording and storing times and dates of animal movement just like the TM550 trail monitor.

HOW IT WORKS. The TM700v is a *passive infrared* receiver which detects the combination of heat and motion in the area it is monitoring. The area of sensitivity forms a wedge in front of the monitor. This wedge is 100 feet deep and spreads 150° wide. Any warm-blooded animal which moves within this wedge will register as an event. The unit will store one event per minute as long as the animal is moving within the area. In addition to storing event information, the monitor can be set to control a video camera. The TM700v gives you complete control over the video camera functions. When an animal enters the area, the TRAILMASTER turns the video camera on. The camera can record a short burst or can stay on as long as motion and heat are detected, then turn off after the last movement is detected. With a 2-hour tape, the unit can remain in the field for weeks at a time. At the same time, the TM700v records and stores the dates and times (1000 events) that animals are in the area.



The TM700v is very easy to use. Three push buttons on the front of the monitor are used to control its many functions. The TIME SET button is used to set the initial time and date functions in the same way a digital watch is set. The SET UP button is used to verify the area in which heat and movement are being sensed. Proper function is easily verified by placing the unit in the set up mode and watching for the red light to flash. The READ OUT/ADVANCE (R/O ADV) button is used when reading out the data.

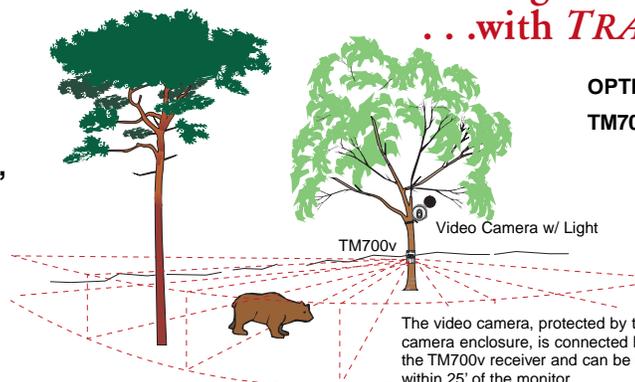
The TM700v can be used with most video cameras that adhere to the "control L" remote control protocol. (Most SONY Handycams) TRAILMASTER offers a SONY Handycam which is tested to operate with the TM700v.

The TM700vRT is a special version of the TM700v monitor with an additional input which can be used with a remote trigger. The remote trigger can be the TM Intervalometer for time-lapse control of the video camera. The remote trigger can also be a TM1500 which can be set to activate the video camera as the animal crosses the trail approaching the area where the video camera is set up. The TM700vRT takes over the operation of the video camera when the animal reaches the area.

remote control protocol. (Most SONY Handycams) TRAILMASTER offers a SONY Handycam which is tested to operate with the TM700v.

Video Monitoring the "Smart Way" ...with TRAILMASTER

It's better than being there!
The video camera captures moments of behavior silently, with no human present to disturb the animals' habits.



OPTIONAL ACCESSORIES

- TM700v - TM Video Camera
- TM Weather-proof Video Enclosure
- TM Video Light Controller / Light
- TM Data Collector
- TM Stat Pack Software & Cable
- TM 24 Portable Printer

The video camera, protected by the video camera enclosure, is connected by cable to the TM700v receiver and can be located within 25' of the monitor.

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