



Fence Tremor Sensor (FTS) TTech-17

(The Original Fence Sensor)

The FTS has been designed to detect intrusions on and through metal structures and fence lines. When attached to a structures such as towers, support beams, fencing, stairways, and drainage grates the FTS will provide continuous passive intrusion detection monitoring until activated by a subject's presence.

Once activity is detected the FTS will analyze the vibration and sound patterns using a combination of piezoelectric microphones and vibration sensors. If the intrusion activity matches the pattern programmed into the FTS sensor an alert will be sent via the interfacing patch cable. The FTS programmer allows the end user to quickly customize sensor programming for each location. Common contact closures can be utilized and interfaced with any third party device. Commonly attached devices include cameras, transmitters, lights and independent security systems.

Powered by an internal AA battery pack the FTS will operate for up to two (2) years without the need of additional batteries. With automatic wind detection and mitigation filtering, the FTS, will automatically detect the presence of active wind conditions and filter away the wind vibrations while still looking for intrusion activity.

The FTS is quickly connected to networks such as BuckEye Cam or Vortex Systems.



Fence Tremor Sensor FTS TTech-17 General Specifications

Operating Voltage:	2.5 -3.7 VDC
Quiescent Current:	18uA
Output:	Open Collector, 100mA maximum
Power Supply:	AA (4x) 1.5VDC Lithium batteries Energizer L91
Battery Life:	1 -3 years, Programming
Case construction:	Aluminum, Black Anodize
Environmental:	IP66
User Interface:	Programmable using Converter Cable to 14 Pin
Operating Temp:	-40° to 158°F (-40° to 70° C)
External Connections:	14 Pin External Sensor/ Programming Port
Size:	4.75" x 3.0" x 2.75" (120mm x 76mm x 70mm)
Weight:	>1.0 lb. With Batteries



FTS Programmer TTech-17P General Specifications

Power Supply:	AA (4x) 1.5VDC Lithium batteries Energizer L91
Battery Life:	2 Year
Case construction:	Aluminum, Black Powder Coat
Environmental:	IP66
User Interface:	14 Pin Programming Cable
Size:	6.5" x 4.75" x 2.25" (165mm x 120mm x 57mm)
Weight:	2.0 lb. With Batteries

