



David Margolin, President

VideoWAN Inc.

David@VideoWAN.com

917-575-3456

www.VideoWAN.com

Long-Range Passive-Infrared Sensor

- *Integration based on Eltec Instruments Model 860 Sensor.
- *Model 860 has been used on the Southern U.S. Border for 20 years.
www.VideoWAN.com/pir.html / www.VideoWAN.com/860.pdf
- *Addition of **micropower** battery-operation and **wireless** event-triggering.
- *Unique design allowing for **total mobility** with tripod mount.
- *Range for **people at 1,300ft.**, potentially double for vehicles.
- ***Broadcast event-trigger to any number of receivers**, 433Mhz.
- *Event-trigger **transmit range 1,000ft.** NLOS, 2,000ft. LOS.
- *Event-trigger can control camera operation remotely.
- *FCC Part 15 Verification.
- *Up to **265 different sensors** per area set with DIP switch.
- *Variable sensitivity set by DIP switch.
- *PIR power 20microamps@3V, transmit power 20ma@3V
- *Standard replaceable alkaline batteries used.
- *Solar recharging system for perpetual use possible.
- *Applications: protection of buildings, airfields, surveillance.
- *Non-emitting, passive, **undetectable** technology.
- *Model 860 is nitrogen-filled with an IP67 waterproof rating.
- *VideoWAN's electronics have **IP67 waterproof** rating.
- *Options: optical sighting, infrared emitter testing, local protection.
- *Other transmission systems such as IoT possible.

Comparable to L3 Remotely Monitored Battlefield Sensor System-II

<http://www2.l-3com.com/cs-east/pdf/rembassii.pdf>

Passive-infrared sensor range 60ft. for people vs. VideoWAN's 1,300ft.