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## Operational Descriptions

Versus Technology “Asset Badge” model number VER-1825 and “Personnel Badge” model number VER-1775 are infrared transmitting badge with RF supervisory signal. The Asset Badge model VER-1825 and Personnel Badge model VER-1775 are identical in operation and configuration except for external case, with no modifications to the electronics. These badges are just two products used in the Versus Information Systems (VIS) to provide for quick and easy way to locate people and equipment.

The badges are a low power long lasting IR/RF transmitter that incorporate a three-volt lithium battery in the case along with PCB board for IR/RF circuitry and a stamped antenna for the RF.

Both infrared and RF signals are independent of each other which contain recognition code to identify the badge that is transmitting, along with motion status, battery status, and switch information. The RF signal is transmitted per FCC “Code of Federal Regulations” Title 47, Part 15 Subpart C, Sections 15.231 et seq.

When a badge is placed in an alarm state the badge transmits a different code that identifies that an alarm has occurred along with the badge's recognition code. Both badge models can be set in an alarm state. The Asset Badge, model VER-1825 has a switch that is mounted on the PCB, when the badge is removed from an object the badge is placed in alarm state, the alarm is ceased immediately by placing badge back onto the object or deactivated by appropriate personnel. The Personnel Badge model VER-1775 is placed in alarm by pressing a button, upon release of button the badge alarm state is ceased and the badge is returned to normal operation. Both badges have a periodical transmission rate that complies with FCC code of regulations 47 CFR 15.231 part e.