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PASS- (PASSIVE SENSOR SYSTEM)

The PASS sensor system is a flexible Monitoring system for reconnaissance and close-range security. It is especially designed for border-control and border-surveillance. Furthermore it is suited, for the surveillance of installations and buildings like barracks, ammunition depots, proving grounds, airports and all other public, industrial and private installations, that shall be monitored due to any reason.

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The PASS sensor System consists of seismic and passive infrared sensors that are applied single or in different combinations to the area that shall be monitored (depending on the characteristics of mission and terrain). A sensor unit evaluates this information and transmits the alarm messages for display to one central monitoring unit. Furthermore the alarm is additionally expanded into acoustic signals.

Features

- high probability of detection
- lowest false alarm probability
- automatic sensitivity adjustment
- classification of persons, cars, lorries and tracked vehicles, and their quantity

- detection of movement direction

best suited for the surveillance of installations and buildings with low number of

personnel

monitoring of alarm and system by displaying the following data on the monitor unit: kind of target, number of targets, position and moving direction, time of Alarm, state of

the system and battery-level.

additional acoustic signals for alarm.

RS-232 connection for one printer and one additional computer almost handling and very quick installation easy to maintain

transmission of signals via cable or radio optional meets the necessary standards (EMC and Mil) low consumption of energy