



BUS GUARD

DETECT ANY HUMAN CARGO IN THE LUGGAGE COMPARTMENTS OF BUSES

MAIN CHARACTERISTICS

The system uses an underfloor, horizontally mounted sensor with a protective durable plastic cover which is designed to detect anybody who may have secreted themselves in the baggage area or lower part of the vehicle. As for all Epofat products the technology employed is entirely passive and consequently harmless for operators and detected individuals alike. The system will detect the presence of any living human being by analysis of the unique human electromagnetic signature, and will immediately display on a central control computer.



The sensor is operated from a control workstation situated nearby in an appropriate booth or room. Inspection and detection data is stored centrally. When a bus or people carrier approaches it must be stopped in exactly the correct place over the sensor, the driver and passengers leave the bus to a designated area and then the Bus Guard will examine the vehicle for any human presence. This will take less than 60 seconds thereafter the driver and passengers may return to the bus.

TECHNICAL SPECIFICATION

POWER SUPPLY	U = 230V~ / 50HZ, IN = 10 A, CLASS 1
EXTERNALLY INSTALLED EQUIPMENT	
TEMPERATURE	- 20°C TO + 60°C
HUMIDITY	20% - 99%
PROTECTION	IP54
ALARM INDICATION	
OPTICAL ON LCD DISPLAY AND ACOUSTIC (OPTIONAL)	
SIGNAL OUTPUT	NC / NO MAX.1A, LAN (OPTIONAL)
DETECTOR REFERENCE FIELD FREQUENCY	
RANGE - 135 KHZ	
FIELD - >72 dB μ A/m	
MONITORING RANGE	UP TO 2 M RADIUS
ANTENNA	
LOOP ANTENAS, IMPEDANCE 50OHM	
EU STANDARD	
EN 300 330-1 V 1.3.1: 2001	

THE EQUIPMENT COMPRISES

1. One below ground level horizontally mounted sensor, 0.3x0.3x10 meters in length, and an analyzer unit.
2. One cabinet containing control unit – industry RACK contents
 - LCD monitor - 2pcs
 - Keyboard and mouse - 1pc
 - Digital Video Recorder - 1pc
 - UPS - 1pc
 - Industry PC - 1pc
 - circuit- breakers blocks for equipments, the electronic systems and software interconnecting cables and accessories
3. Four positional external CCTV kameras

