COMPEL INDUSTRIES
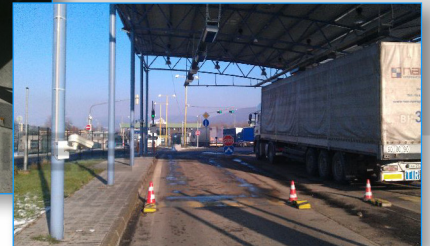## PRODUCTION-TRADE-SOLUTION-COMPANY

GATE GUARD HUMAN DETECTING SYSTEM

MAIN CHARACTERISTICS

Epofat Gate Guard System is used for detecting human beings in restricted areas of commercial vehicles. The Gate Guard consists of multiple individual components and modules that together offer the ultimate, pepple-friendly and automatic unit.

- The system utilizes four closed circuit television cameras (CCTV) that provide real-time footage of the vehicle being scanned.
- The monitoring process is fully automated.
- The structure itself consists of four parts that are independent from each other.
- The independent Epofat scanners are placed on a structure and supported by four steel columns.
- The vehicle to be scanned parks beneath.
- The complexity of our hardware and software components makes it nearly impossible to manipulate or tamper with the system.
- The completed scan of the vehicle is archived in the system's central unit.
- The system can be monitored both on location and offsite, reducing the chance of potential human error.

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
INTERNALLY INSTALLED EQUIPMENT	
TEMPERATURE	0°C TO + 40°C
HUMIDITY	20% - 80%
PROTECTION	IP44/20
ALARM INDICATION	
OPTICAL ON LCD DISPLAY AND ACOUSTIC (OPTIONAL)	
SIGNAL OUTPUT	LAN (OPTIONAL)
DETECTOR REFERENCE FIELD FREQUENCY	
RANGE - 135 KHZ	
FIELD - >72 DB MA/M	
MONITORING RANGE	UP TO 5M RADIUS
ANTENNA	
DIPOLE COMBINED WITH LOOP ANTENNA, IMPEDANCE 50OHM	
EU STANDARD	
EN 300 330-1 V 1.3.1: 2001	

THE EQUIPMENT COMPRISES

1. Four detectors

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 - 1pc

3. Four external CCTV kameras

The system operates from any AC mains supply providing 230 Volts. In case of a power failure the system is backed up with a UPS in the system rack.