

Model 4525-10500 Gate Monitor



Ludlum Measurements, Inc.

INDICATED USE: Low-level radiation monitoring
SYSTEM OPERATION: Automatic monitoring of vehicles that pass between the detectors

COMPUTER SPECIFICATIONS:

- Intel Celeron D-2.53 GH Processor
- Windows XP Professional
- 512 MB RAM
- 80 GB Hard Drive
- LCD-PC, 17" touchscreen monitor
- Mini USB keyboard with built-in touchpad
- DVD \pm RW Drive
- Supports up to 4 lanes
- Up to 6 detectors per lane
- Data logging with automatic daily backup
- Ethernet network capability
- Uninterruptible power supply
- Radiation profile
- Weight: 40 pounds (18.1kg)
- Dimensions: 22"(55.9 cm)W
 38.3"(97.3 cm)H
 18.7"(47.5 cm)D

ALARM TYPES:

1. Radiation
2. Overspeed
3. Sensor failure
4. Instrument failure
5. Low battery

DETECTORS:

- Size: 3500 cubic inches, each plastic scintillator (3 each with system)
- Detector has two PMTs (an increase in efficiency of 30% over one PMT)
- Stainless steel enclosure with aluminum door
- Enclosure dimensions:
 82"H X 24.5"W X 9"D (208 X 62 X 23 cm)
- Weight: 650 pounds(295kg) per detector

INCLUDED ACCESSORIES:

- Remote light indicators with reset button and 100' cable

OPTIONAL ACCESSORIES:

- Strobe/horn assembly
- External video camera in weather proof enclosure (each system can support one camera per lane)
- Detector stand set



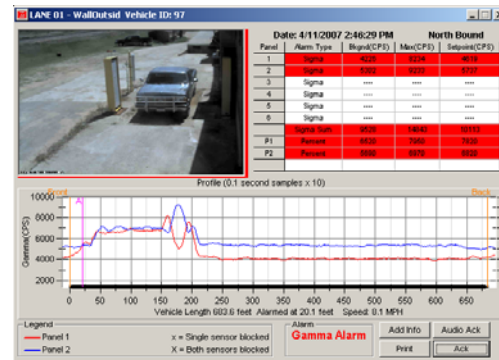
Part No. 48-3606

Shown with optional detector stands

- 8 relays built-in for options
- Inkjet photo printer
- 100 millisecond samples
- Remote HV adjust
- Vehicle counter
- Battery back-up
- Supplied with dual presence and speed sensors



System Computer



Vehicle Profile