



# 1035 Area Monitor Integrated Network Security System



***Smart Building Security  
Smart Perimeter Monitoring  
Smart Portal Monitoring  
Indoor and Outdoor***

***A modern, economical and proven system for continuous monitoring of user defined areas and locations with isotopic identification of all gamma nuclides. Local and network only alarm links are available as well as other custom features. Each area monitor includes a 3" NaI or other user specified detector, continuous gain stabilization, patented QCC algorithm, rugged NEMA enclosure and Ethernet link.***

***PGT Instruments will assist institutions for easy access to firmware/ software in order to readily integrate the 1035 Area Monitors into existing security setups.***



1035 Area Monitor  
Network Security System

## 1035 AREA MONITOR SPECIFICATIONS

Detector	NaI 3x 3 standard with integral PMT. Other sizes available as options.
Signal Processor	Digital electronics with Bases converter 14 bit pipelined flash
Energy Range	<20 keV-3 MeV
I/O	Ethernet supporting up to 16 monitors
Weight	8 lbs (3.7 kg) , depending on detector options
Dimensions	14.3" x 10" x 6.5" (36 cm x 25.4 cm x 16.5 cm)
Temp. Range	-20 to +50 degrees C
Controls	100% software controlled from remote PC.
Alarms	Audio (defeatable via Menu setting) and visual on remote screen
Gain Stabilization	Continuous with K-40 located near detector, no source change or licensing required
Library	Standard ANSI, medical, industrial, SNM or user defined
Neutron Detector	Optional He-3 tube available.
Functions	Isotopic-ID, Spectral Analysis, Dose Rate meter, Source Locator, Optional Neutron activity dose

### *Applications*

***Entrance and Egress portal monitors***

***Vehicle portal monitors***

***Mail and freight processing centers***

***Port Security***

***Building HVAC Security***

***Parking Garage Security***