

# Vigilant SmartGuard™

## Intelligent Video Content Analysis

Designed to find the needle in the "video haystack", Vigilant SmartGuard™ - intelligent video content analysis, extracts pertinent information from multi-site/channel video content. It effectively detects, classifies and tracks video content in order to provide real-time alerts and automatic analysis according to pre-defined rules and scenarios, thereby optimizing the decision making process of security personnel.

Vigilant combines its expertise in security and surveillance to deliver comprehensive services that safeguard organizations against present and future threats. Consequently, SmartGuard, like each and every Vigilant product, can be seamlessly networked to provide a complete surveillance IP solution.

Vigilant SmartGuard has a unique architecture that makes it highly scalable and cost effective. It is compatible with various third party IP devices, as well as fully compatible with Vigilant's ViewStation administrator and query station, NetView IP control center, NetStream/NetVR IP recording servers, as well as other Vigilant DVR solutions.

### Vigilant SmartGuard's Powerful Detectors:

#### VMD

- > **Directional motion:** distinguishes various object types moving across a designated area of interest and alerts upon directional line crossing, area motion detection or perimeter crossing.

#### Counter Detectors

- > **Counting and occupancy:** counts people/vehicles and/or determines occupancy of people/vehicles and alerts when figure exceeds the predefined sum.

#### Behavior Detectors

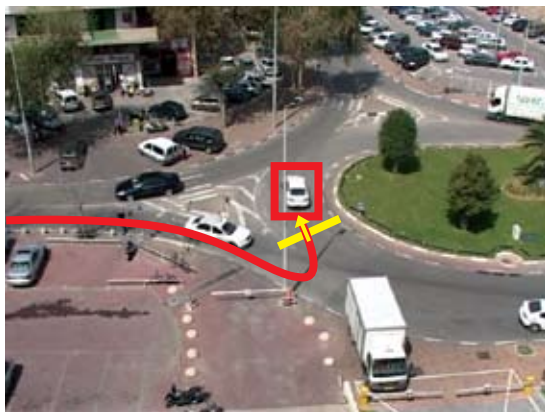
- > **Density:** alerts when the number of people in a crowd exceeds a predefined sum.
- > **Loitering:** alerts when a person lingers in the same place over a predefined time.
- > **Tailgating:** alerts when a vehicle or person crosses the predefined line without waiting at least a specified interval of time after a previous vehicle or person has crossed.
- > **Crowd:** alerts whenever the predefined area is crowded above a specified threshold (in percentage).

#### Non Motion Detectors

- > **Object:** detects unattended or missing objects in restricted areas.

### Key Benefits

- > **Low False Alarm Rate (FAR) - ideally suited for outdoor areas including all weather and illumination conditions**
- > **Flexible rules - customizable, unlimited rules engine, pre-defined schedule and various detectors**
- > **Real-time alerts and notifications**
- > **Unique architecture providing high scalability and investment retention**
- > **Highly scalable and cost-effective solution**
- > **Lowest bandwidth consumption in the market**
- > **Full system redundancy and fail-over mechanism for high availability**



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### Target Markets

- > Traffic and transportation hubs
- > Gaming & casinos
- > City centers & public spaces
- > Correctional facilities
- > Finance & banking
- > Logistics

### About Vigilant

Vigilant™ Technology, a wholly owned subsidiary of BATM Advanced Communications; is a leading provider of intelligent IP surveillance and security solutions. The company offer turn-key solutions including video servers, DVR/NVRs, intelligent real-time video content analysis and sophisticated, proactive control center solutions. Vigilant has a worldwide customer base and is globally supporting tens of thousands of cameras in airports, governmental sites, financial institutions, correctional facilities, casinos, city centers and more.

Please visit [www.VGLNT.com](http://www.VGLNT.com) for more information.

# Vigilant SmartGuard™

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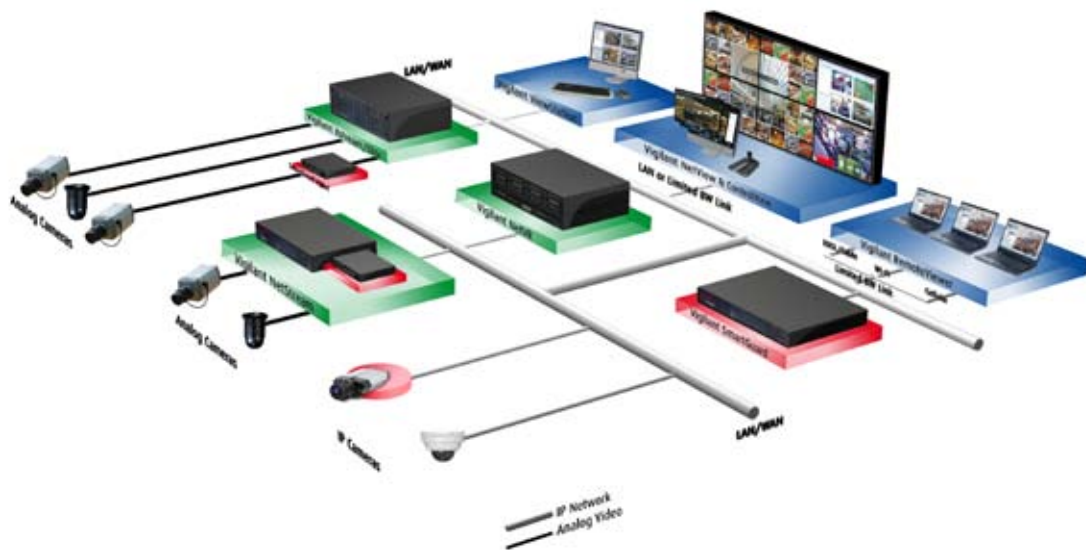


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## Vigilant SmartGuard™ Technical Specifications

Vigilant SmartGuard Agent			
	Vigilant NetStream 2401	Vigilant NetStream 2418	Vigilant SmartGuard 8 Ch Agent
Rack /Wall Mount	Wall Mount	Rack Mount	Rack Mount
Video Input	1 Composite BNC	Up to 18 Composite BNC	8 Composite BNC
Video Output	1 Composite BNC	Up to 18 Composite BNC	2 RCA
Video Compression	MPEG-4 Part 2 (ISO/IEC 14496-2)		
Dimensions	11.7 x 35 x 14.1 cm / 4.6 x 13.7 x 5.5 in	11.7 x 35 x 14.1 cm / 4.6 x 13.7 x 5.5 in	48.3 x 17.8 x 48 cm / 19 x 7 x 18.8 in
Max Video Resolution	4CIF/D1	4CIF/D1	4CIF/D1
Power Requirements	Wide Range +5VDC up to +12VDC	Wide Range +5VDC up to +12VDC	Full-Range 220W ATX PSU
Operating Temperature	0°C - 50°C (-32°F to 122°F)	0°C - 50°C (-32°F to 122°F)	5 °C to 40°C (41°F to 104°F)
Physical Size	100(W) x 160(D) x 30(H) mm	483(W) x 360(D) x 133(H) mm	483(W) x 360(D) x 48(H) mm
Certification	CE/FCC	CE/FCC	CE/FCC/UL

Vigilant SmartGuard Server/Enhanced Redundancy Server	
O/S	Microsoft XP Professional/Microsoft Windows 2003 Server
CPU Board	Intel 2.8GHz 845GV chipset with 533MHz FSB/Intel® 82945G chipset with 1066/800/533 MHz FSB
Power Requirements	Full-range 220W ATX PSU /Full-range 350W ATX PSU
Network	1 Fast Ethernet RJ-45 Connectors
Physical Size	428.6(W) x 360(D) x 44(H) mm/ 443 (W) x 465 (D) x 44 (H) mm
Operating Temperature	5 to 40°C (41 to 104°F)
Certification	CE/FCC/UL

\* All technical specifications are subject to change without prior notice.

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