Vindicator® V3 IDS Head-end Server

Intrusion Detection

The Vindicator® V3 IDS Head-end Server is the foundation of our integrated, reliable and robust Vindicator Standard Edition security platform. It provides embedded processing of alarm events – from standard sensors to advanced, smart sensor systems.

The embedded firmware of the V3 IDS makes it impervious to hacking and to worm/virus attacks, delivering extreme reliability. The V3 IDS Head-end Server can communicate over any existing infrastructure, keeping deployment costs low. Its hardened design coupled with its integration capabilities makes it ideal for intrusion detection deployments requiring robust perimeter protection.

The V3 IDS Head-end Server processes and routes security-related events to the operator display for information and action. Integration with Honeywell's Pro-Watch 4.1 provides one common display for alarm and access control monitoring with comprehensive video management, badging, enrollment and reporting capabilities. With on-board cryptography and I/O options, a standalone V3 IDS Head-end Server offers a simple, cost-effective solution with virtually no maintenance – no Windows updates to perform and no worries about virus infections or hard drive crashes.
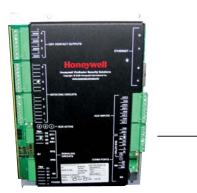
FEATURES

Reliable - The embedded design of Vindicator products delivers extreme reliability. They are not PC-reliant and are impervious to hacking and to virus/worm attacks. On-board cryptography and I/O means fewer points of failure and dependable system up-time.

Simple - The sleek design of the V3 IDS Head-end Server benefits sites that require high security on a small scale. The V3 IDS Head-end Server can monitor alarm points and events from most interior/exterior sensors – such as PIRs, Microwave Sensors, Fiber Sensor Systems and Radars – without requiring customization due to existing, extensive, third-party integrations.

Easy-to-install - The V3 IDS Head-end Server installs over a wide variety of communications applications and integrates to a multitude of third-party systems.

Secure - Communication is encrypted for maximum security. Vindicator products are certified for AES (Advanced Encryption Standard) communication by the National Institute of Standards and Technology (NIST).

Affordable - The V3 IDS Head-end Server provides all these features out of the box, keeping security high and costs low. Its ability to communicate over existing infrastructure makes deployment easy and affordable.

Vindicator® V3 IDS

Head-end Server

SPECIFICATIONS

Intrusion Detection Capacity (per unit)
- Sensor Inputs: more than 10,000 multi-state inputs

Communication Ports
- Serial: 2 RS485, 2 RS232
- LAN: 2, 100BaseT with TCP/IP
- Fiber Optic: 2 100FX optical (SM or MM)

Interfaces/Drivers
- Vindicator VCC Platform
- Logging/reporting printer
- Vindicator Security Network Devices

Mechanical Specifications
- Dimensions: 10.5"L x 7.5"W x 1"H
- Weight: 2 lbs
- Mounted on sheet-metal base plate, NEMA enclosed product optional
- EMI/RFI gasketed
- Field Wire Connectors: Removable plug type screw jaw clamp terminal for 18-24 AWG or stranded wire

Environmental Requirements
- Operating Temperature: -30°C to 70°C
- Storage Temperature: -40°C to +85°C
- Humidity: 5%-95% non-condensing

Electrical Characteristics
- Operating Voltage: 10 to 24 VDC
- Power: at 12 V, 600 mA or configuration dependent
- Transient and surge protection: UL 1076 compliant
- Input Sensitivity: 14 multi-state inputs supporting up to 5 states
- Resistive Load: 8 multi-state supervised inputs user-adjustable end-of-line resistor values (2.2 ohm typical), 6 auxiliary multi-state inputs (4.7 ohm typical)

Compatibility/Integration
- Honeywell Pro-Watch 4.1
- Honeywell MAXPRO VMS
- Other CCTV: Many cameras, switchers
- Sensors: Many interior or exterior sensor systems

Certifications
- FIPS 46-3, UL-1076

Enterprise Connectivity
- Open style architecture via Internet Protocol Networking (CAT5E, SM or MM fiber), RS232, RS485

Integrated Database
- Relational, embedded, fast and reliable

Software Configuration
- Via Ethernet

Encryption
- UHS, AES (NIST approved)

ORDERING

INTRUSION DETECTION		508-35810-01	Upgrade to V3 IDS for Existing UHS-1500, **UHS**
548-35800-01	V3 IDS, Wire/RJ45 Version, **UHS**	508-35810-21	Upgrade to V3 IDS for Existing UHS-1500, **AES**
548-64200-01	V3 IDS, Wire/RJ45 Version, **AES**		
548-35800-02	V3 IDS, 2 Each MM FO Version, **UHS**	**BUNDLES**	
548-35800-22	V3 IDS, 2 Each MM FO Version, **AES**	**600-35920-31**	SE VCC2/SAW2 Workstation Bundle, V3, **UHS**
548-35800-03	V3 IDS, 2 Each SM FO Version, **UHS**	**600-35920-33**	SE VCC2/SAW2 Workstation Bundle, V3, **AES**
548-35800-23	V3 IDS, 2 Each SM FO Version, **AES**		
		MISCELLANEOUS	
UPGRADES		**544-34393-00**	RS-232 Cable
508-35752-01	Upgrade AES Encryption S/W for Existing V3, **IDS**	**928-35753-01**	V3 IDS Manual

For more information: www.honeywellvindicator.com

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