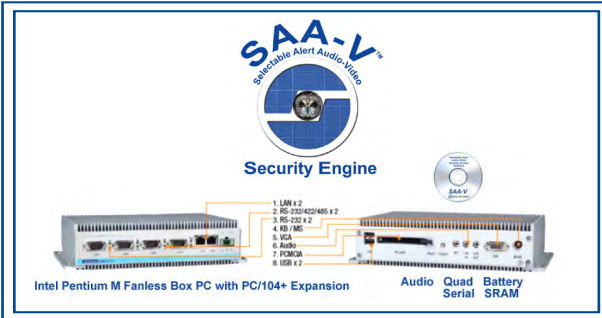


New

SAA-V Security System

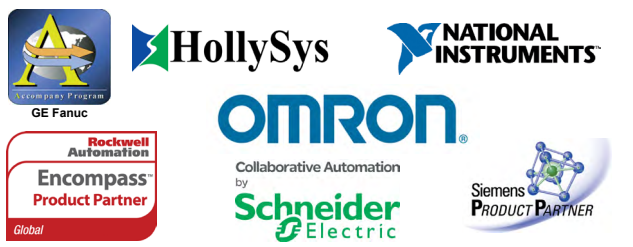
Wireless Selectable Alert A-V Surveillance System

Wireless Selectable Alert A-V Security System


DATA-LINC's SAA-V Security Engine system includes a built-in PC "task engine" with loaded feature-rich software. The system is the ultimate in security/surveillance, standing alone, unique in its field in the number of features and benefits it offers including support for up to five cameras per server. The task engine PC provides total facility integration to provide site security from process to perimeter via wired or wireless Ethernet. The system not only detects security intrusion in broad to specific, user-defined areas, but has enough sophistication to act on defined threats with user-programmable responses.

The DATA-LINC SAA-V software is an IP based Network Video Recorder (NVR) that is ideal for controlling and recording up to five cameras per server. The NVR supports

Alliance Partnerships



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Features

- **Compatible with industry standard networks, servers, databases and storage systems**
- **Remote access via the Data-Linc Remote Client software**
- **SCADA OPC Connectivity**
- **Direct client-to-camera communication— no traffic bottlenecks at server**
- **Full duplex, real-time audio support**
- **Internal encryption protocol for data security**
- **Built-in protection from undetected fraudulent image alteration**
- **Limitless control via external program execution**
- **Mutiple scheduled recording modes— continuous, on alarm and/or on event detection**
- **Selectable notification— on-screen, voice, phone and email**
- **Adjustable recording control**
- **I/O device video motion detection support**
- **Internal port mapping capabilities for network separation— no router required**
- **Ultimate in scalability with flexible licensing model**

automatic video storage triggered from software motion sensing and/or hard inputs from the camera (motion detectors, light beams, door contacts, etc.). Touring capabilities are included, as well as several multimedia functions that are useful when remote notification is desired.



Operating Frequency

License-free, 2.4 GHz ISM band

FCC: 2.412-2.462 GHz (CH1-CH 11)
TELEC: 2.412-2.472 GHz (CH1-CH 13)
ETSI: 2.412-2.472 GHz (CH1-CH 13)

Included.

CD User Manual
Antenna. 0 dB bench test antenna
Other. Ethernet cable, power supply, Quick Start Guide

Transmitter

Distance. 6 miles (9.6 km) LOS with omni antennas
RF Output Power. 200 mW (23 dBm)
 EU version < 100 mW
Modulation. CCK, OFDM
Spreading Code. Direct Sequence
Channel. 3
Occupied bandwidth. 5 MHz, 10 MHz or 20 MHz

Receiver Sensitivity

-74 dBm @ 54Mbps Rx Sensitivity (802.11g)
 -82 dBm @ 6 Mbps Rx Sensitivity (802.11g)
 -87 dBm @ 1 Mbps Rx Sensitivity (802.11b)

RF Data Transmission

RF Encryption. AES, TKIP, WEP, WPA, WPA2
RF Data Rate. 6, 9, 12, 24, 36, 48 or 54 Mbps

Operating modes

Base Station, Station Adaptor and Interbuilding Repeater

Data Throughput

1 Mbps to 20 Mbps (depends upon range and link quality)

Connections

Antenna. 2 reverse polarity SMA Connectors (1 primary, 1 diversity), female, 50 Ω
Ethernet. 10Base-T/100Base-T
Power connector. 10-28 VDC

Indicators— Status LED's including

Power
Status
LAN (Link-Act)
LAN (100)
WLAN
 RSSI** in SA mode (5 stages)

Operating Environment

Humidity. 0-90% non-condensing humidity
Working Temp. -20 to 75°C (-4 to 167°F)

Enclosure

Standard. 18-gauge steel with mounting flanges
Dimensions. 7.6 x 5.6 inches (19.3 x 14.3 cm);
 9.4 x 5.6 inches (23.9 x 14.3 cm) with mounting flanges
Optional. DIN rail mounting

Operating Frequency

License-free, 902-925 MHz ISM band

Included

CD User Manual
Antenna. 0 dB bench test antenna
Other. Ethernet cable, power supply, Quick Start Guide

Transmitter

Distance. 10 miles (16 km) LOS with omni antennas
RF Output Power. 316 mW (25 dB)
Modulation. CCK, OFDM
Spreading Code. Direct sequence
Channel. 3
Occupied bandwidth. 5 MHz, 10 MHz or 20 MHz

Receiver Sensitivity

-72 dBm @ 54 Mbps
 -92 dBm @ 6 Mbps

RF Data Transmission

RF Encryption. AES, TKIP, WEP, WPA, WPA2
RF Data Rate. 6, 9, 12, 24, 36, 48 or 54 Mbps

Operating modes

Base Station, Station Adaptor and Interbuilding Repeater

Data Throughput

1 Mbps to 20 Mbps
 (depending on range and link quality)

Connections

Antenna. SMA connector (female), 50 Ω
Ethernet. 10Base-T/100Base-T
Power connector. 10-28 VDC

Indicators— Status LED's including

Power
Status
LAN (Link-Act)
LAN (100)
WLAN
 RSSI** in SA mode (5 stages)

Operating Environment

Humidity. 0 95% non-condensing humidity

Enclosure

Standard. 18-gauge steel with mounting flanges
Optional. DIN rail mounting

Shipping Weight. appx 1.8 lb (0.82 kg)

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* **Recommended for SAA-V networks**
 ** Receiver Signal Strength Indicators