

ASI Communicator Installation and Operation

Requirements:

- An Always-On Internet Connection (Cable Modem, DSL, T1, etc.).
- An Un-interruptible Power Supply (UPS) for all Internet components (Modems, Hubs, Etc.).

Connections:

- Connect T and R on the IntelliTap-II board to Tip and Ring on your Alarm Panel.
- Connect a Network Cable to the ASI Communicator and to a Network Hub port.
- Connect the 6-conductor RJ-11 Jumper wire between the IntelliTap-II board and the ASI Communications I-Tap port.
- Connect a 12Vdc Power Supply to the ASI Communicator and plug it in to a UPS.

Alarm Panel Programming:

- The Alarm Panel should be configured to communicate using Contact ID or a 4x2 pulse format.
- The Account Number can be any 4-digit number.
- The Phone Number should be at least three-digits long.
- Please read the IntelliTap documentation for more details.

ASI Communicator Configuration:

- Typically, no configuration is necessary.
- Configuration Mode allows you to Disable DHCP and set a fixed IP address if necessary.
- Connect a PC DB9 to RJ11 connector (available from ASI) to the ASI Communications I-Tap port and your computers serial port, then set Hyperterminal to the appropriate serial port and adjust settings for 4800,N,8,1.
- On Power-Up you will have about 5 seconds to press the '!' key to enter Configuration Mode.
- A list of configuration options and current settings will be displayed.
- DO NOT change the Serial Number or Server IP Addresses.
- Press '5' to Toggle DHCP On or Off.
- Press '2' to set the IP Address, '3' for Gateway, and '4' for NetMask.
- Press '8' to save settings and connect to the Server.

AES 7067 IntelliTap Configuration:

A single jumper MUST be installed on position 1, 2 OR 3

- **Contact ID (CID) format = Jumper on 1 only**
- 3+1, 4+1, 4+2 formats:
1400 Hz answer tone = Jumper on 2 only
2300 Hz answer tone = Jumper on 3 only

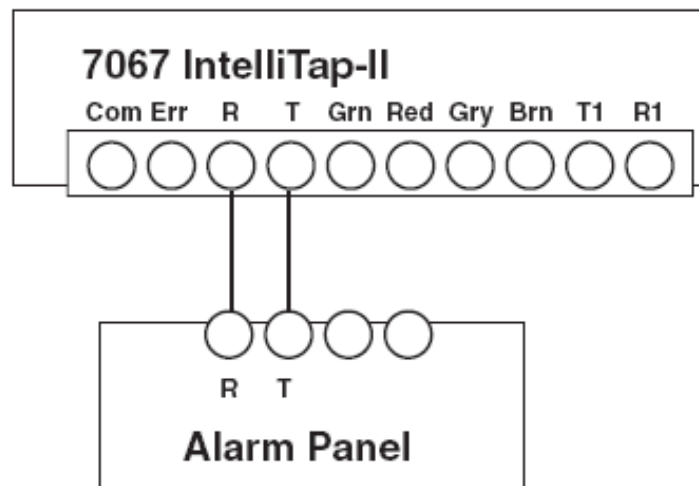
Note: For 3+1, 4+1, 4+2, program your alarm panel for a "single line" data format, with data range 0-9, B-F.

Select Phone Number and Program Alarm Panel .

Program "5-5-5" telephone number - Remove jumper on position 5. Program the alarm panel dialer phone number with the digits **5-5-5**. During a reported event, the phone line is quiet after the 5-5-5 is dialed as it waits for more digits. During this period, the TAP provides an answer tone, signaling to the alarm panel to transmit its data, and then kisses it off. The control panel then hangs up the line.

IMPORTANT: Alarm Panel MUST be programmed for TONE dialing only. Any phone number usually will work, as long as the phone number is at least 3-digits.

Line Cut Monitoring – Place a **jumper on position 8** to disable phone-line monitoring and always use the IntelliTap.



HOW IT WORKS

The AES Model 7067 IntelliTAP-II provides phone line simulation for maximum alarm panel compatibility.

It retrieves panel data in Contact ID or 4+2 formats from the built-in communicator of an alarm panel. The TAP acts as a digital receiver and gives the proper responses to the alarm panel. The alarm panel only has to tone dial a phone number for the TAP to respond and receive the event. The TAP forwards the dialer data to the central station through an ASI Communicator Internet Communicator device.

The ASI Communicator establishes and maintains a connection to the Central Station Server to transfer the signals from the AES IntelliTap to the Central Station.

Upon power-up, the ASI Communicator STATUS LED will flicker while prompting for Configuration Mode. If using DHCP then an IP Address will be obtained. A TCP connection will be established to Server 1. The STATUS LED will turn ON while connected to the Server. If Server 1 does not respond then Server 2 will be tried, then Server 1, etc...

The Alarm Panel picks-up the phone to send a signal and should detect dial tone, then dial, hear a handshake, and send a signal. When the IntelliTap gets a signal from the panel we immediately send the signal to the Monitoring Center via the Server connection. The Server will Acknowledge the receipt of the signal to the IntelliTap which causes the IntelliTap to send the ACK or kiss-off to the panel. If the Server isn't connected or for any reason isn't able to acknowledge the signal then the Alarm Panel will not get kissed-off and should eventually indicate Communication Failure.

IntelliTap Formats Supported : 3+1, 4+1, 4+2 • Contact ID / Point ID

IntelliTap Controls: 1 Reset Switch • Jumper Pins for Programming

WARNING: Test this system periodically for proper operation. ASI Communications assumes no responsibility for this equipment's failure to operate.

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STATUS LED

I-Tap
Interface Port

IntelliTap-II
Data Port

ASI Communicator

12Vdc 300ma Power

10BaseT
Ethernet Port

AES 7067 IntelliTap-II Digital Dialer Interface

T and R
to
Panel Tip and Ring

