

RF Subscriber Unit
for Alarm Transmission

2-Way Transceiver and Repeater All-in-One!

No Phone Line Required

Enhanced Version 2 Design

Enhanced Inputs:

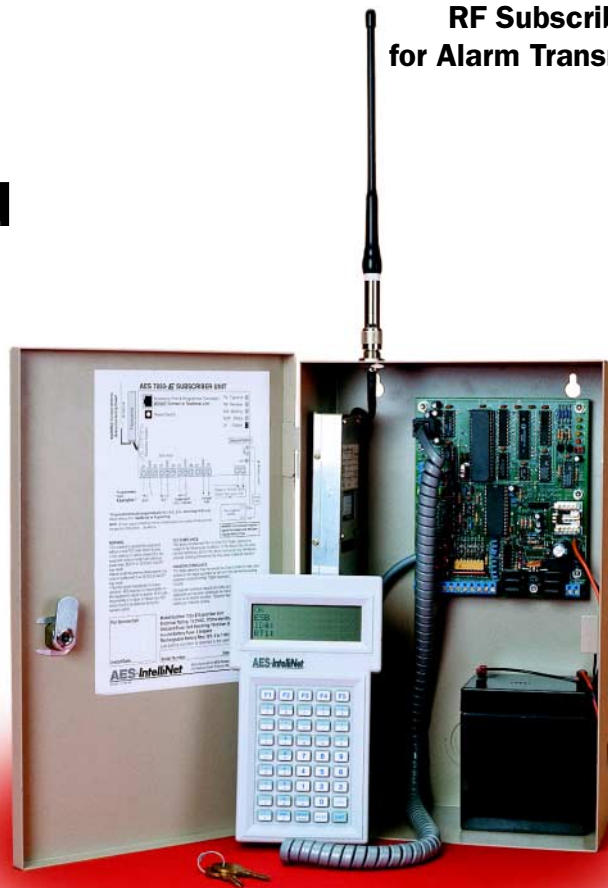
- 8 Zone Inputs
- New Easy Programming
- NO / NC / EOL
- Open Collector / Voltage

Enhanced Digital Input Options:

- FDX/Full Data Transfer
- IntelliTAP Dialer Interface

Enhanced Power Supply/Charger:

- Built-In Power Supply with Status Reporting and Self-Diagnostics



About AES•IntelliNet

This illustration shows the unique AES•IntelliNet radio network. Transceiver/subscriber units are also repeaters, creating a rugged, multi-path wireless communications system for reporting alarms. The "smart" units align themselves automatically.

More Subscriber Unit Features

- **Fast Signaling Network** typically delivers signals to the receiver in 2 seconds or less. This is a key advantage of the AES•IntelliNet private wireless system. It is much faster than comparable cellular/cellemetry, telephone and other public carrier systems.
- **Smart Routing Messages** always seek the best and shortest path to the central station. If conditions change, the subscriber unit – and the AES network – adapt accordingly.
- **Every Signal is confirmed** using *true* 2-way technology. Every signal is authenticated and acknowledged.
- **Fully compatible with any AES•IntelliNet system.**
- **SMART 2-Way Transceiver is also a Repeater**, using the same rugged, adaptive capabilities of the standard AES subscriber units and receivers.
- **Compatible with all type of Control Panels** with 8 channel inputs and optional AES•IntelliTap dialer receiver.
- **Up- down- loadable and addressable** from central station for easy remote maintenance and programming.
- **Built-in Intelligence** allows subscriber units to automatically enroll in the network.



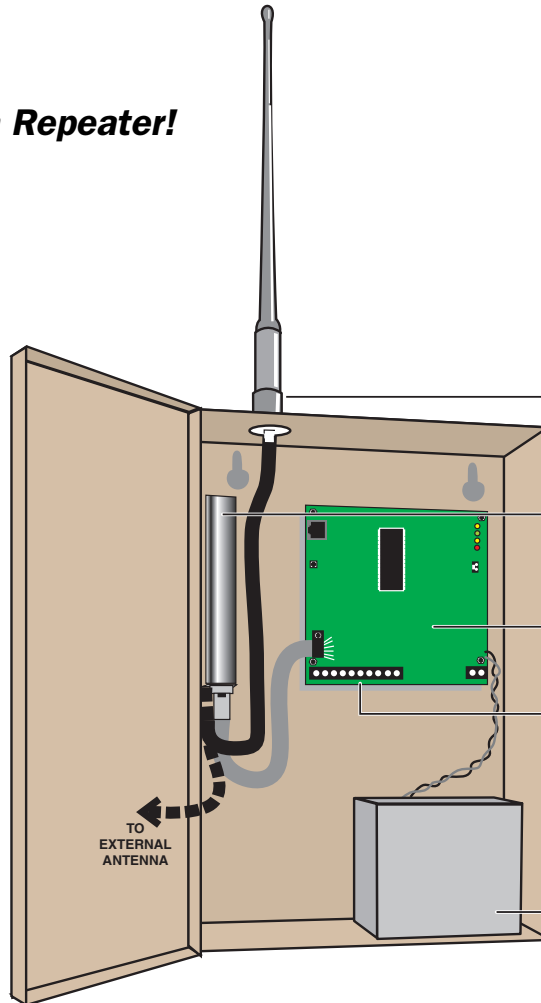
7050 ENHANCED SUBSCRIBER UNIT

It's a Transceiver and a Repeater!

**RF Subscriber Unit
for Alarm Transmission**

All Kinds of Inputs:

- **8 Discrete Inputs**, individually programmable for NC, NO, EOL Supervised or Open Collector
- **AES•IntelliTap 7068** – Optional module monitors telephone line and acts as a "satellite" central station receiver should the phone line fail or be cut. Provides radio path for dialer data and detects phone line cuts!
- **FDX Full Data Transfer**, links directly to alarm panel - no dialers, no phone lines! Caddx, Napco, Radionics and more!



Typical Configuration

Antenna – Omnidirectional, choose from 2.5db to 9db (2.5db shown)

Transceiver
2-5 watts typical, UHF and VHF available

Smart Controller for Transceiver and Repeater Reports alarms, troubles, restorals, low battery, AC status and more. Dynamically adapts to maximize performance

8 Programmable Zone Inputs
NC/NO/EOL/Open Collector

Built-In Power Supply / Battery Charger

7050-E RF Subscriber Unit Specifications

Radio:	Typical Frequency Ranges 450-470 MHz. (others available)
Standard Output Power:	2 Watts (others available) All radio systems require licensing.
Power Input:	16.5VAC, 40VA
Voltage:	12VDC nominal
Current:	175ma standby; 800ma transmit (2W transmitter)
Alarm Signal Inputs:	8 Individually Programmable Zones: NO/NC/EOL; Restorals IntelliTap Dialer Interface (option) RS-232
Operating Temperature Range:	0° to 50° C
Storage Temperature Range:	-10° to 60° C
Relative Humidity Range:	0 to 85% RHC, Non Condensing
Back-Up Battery:	12V, 4.5 AH; 7.5 AH optional
Low Battery Reporting:	22.5 Minute Test Cycle (approx)
AC Status Reporting:	Reports to central station after approximately 4 minutes without AC power; reports AC power restoration after approximately 4 minutes of restored power.
Antenna Cut (local reporting):	12VDC signal output at output J4, 200 ma max load
Size:	13.25"h x 8.5"w x 4.3"d / 34 cm x 21.5 cm x 11 cm
Weight:	6.4 pounds / 2.9 kilograms (excluding battery)
Ordering / Options:	7050-E RF Subscriber Unit 7068 IntelliTAP Dialer Interface

