



EAS 2008 CAP-to-EAS Converter



MODEL 2008 CAP-to-EAS Converter

GENERAL DESCRIPTION

The EAS 2008 CAP-to-EAS Converter continuously monitors a CAP (“Common Alerting Protocol”) source to seek new emergency messages and generates an EAS protocol output for connection to existing FCC Type Certified EAS Encoder/Decoders. The unit actively polls a CAP server every few seconds for new emergency messages. Additionally the unit can receive a CAP message using Simple Object Access Protocol (“SOAP”).

SIMPLE AND AUTOMATIC OPERATION

The EAS 2008 connects to the Internet via an RJ-45 jack and has a high level audio output for connection to the EAS Encoder/Decoder. The unit switches to an alternate server in the event of primary server failure and sends feedback of its status to the CAP server. Updates are handled automatically between the Model 2008 and the CAP server without any operator intervention. The Model 2008 provides the FCC mandated link between CAP and EAS. When connected to a TFT EAS 911, the unit will monitor message activity, report status, and can even email staff accordingly.

SECURE AND ROBUST

An internal firewall is always on. Secure communications via HTTPS for server authentication and encryption are standard. Norton Antivirus, or a local antivirus software, is used to ensure that no viruses compromise the unit or the network.

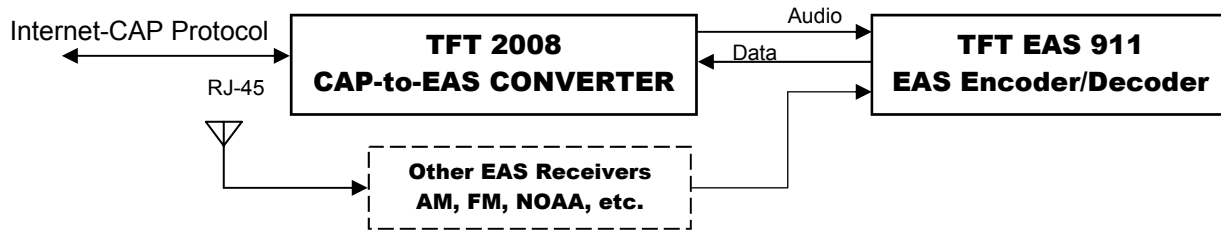
FEATURES & BENEFITS

- CAP 1.1 OASIS compliant
- Output: FCC EAS protocol
- Fully functional Pentium 4 appliance type 3 GHz device
- 160 GB hard disk
- Connections for VGA monitor, mouse, and keyboard (used only for setup)
- UL and CE approved
- Plug-and-Play simplicity
- 1 RU high

APPLICATIONS

- Broadcast and Cable
- Emergency management
- Augments existing EAS network
- Connects to CAP Servers, including National Weather Service (NWS), Department of Homeland Security (DHS), National Oceanic and Atmospheric Administration (NOAA), Federal Emergency Management Agency (FEMA), United States Geological Survey (USGS) and others

BLOCK DIAGRAM



REAR PANEL



SPECIFICATIONS

HARDWARE

ATX Motherboard 3.0 GHz Processor
 SuperMicro P4 SCE 800 MHz FSB, VGA
 2XGigabit LAN/8XUSB 2.0
 5X PCI slots
 2X512 MB memory
 160 GB Serial ATA HDD, 7200 rpm
 52X IDE CD-ROM Drive
 Sound Blaster sound card

FRONT PANEL

Indicators

Access

Power

CD

Hard Disk Drive

REAR PANEL

Ethernet/Internet

2 X RJ-45

Mouse, keyboard, VGA monitor

2 X USB

Audio

Mini-TRS

MECHANICAL AND ENVIRONMENTAL

Dimensions.....19 x 1.75 x 12 (inches)

483 x 44.45 x 305 (mm)

Weight.....12 lbs. (5.5 kg) (net)

15 lbs. (6.86 kg.) (shipping)

AC Power Requirements

120/240 VAC 50/60 Hz

250 Watts

Operating Temperature.....0° to +50° C.

TFT_{INC}

Sound Quality Since 1970

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Contents subject to change without notice.