



STATE-OF-THE-ART FEATURES

- ▼ Each Unit Can Operate 24 Phones And 24 Lines
- ▼ Integrated Recording & Line Concentration
- ▼ Specialized Hardware Operates Independent Of A Computer For Inherent Reliability
- ▼ Automated Collect And Debit Calling Capabilities
- ▼ Ethernet Communications Link
- ▼ Extensive Call Blocking Capabilities:
 - ☛ Block Specific Destination Numbers
 - ☛ Block Entire Area Codes or Exchanges
 - ☛ Service Dial Blocking (800, 411, 911, etc.)
 - ☛ Block Calls To Multiple Refused Numbers
 - ☛ Inbound Calls Blocked
 - ☛ International Calls Restricted
 - ☛ Operator Access Restricted
- ▼ Call Detail Record & Investigative Reports
- ▼ Detect Circumstances Surrounding A Three-Way Call
- ▼ Personal Identification Numbers (PIN)
- ▼ Allowed Destination Numbers Associated By PIN*
- ▼ Calling Thresholds/Restrictions For PIN Numbers*
- ▼ Positive Call Acceptance, DTMF or Rotary
- ▼ Random Call Location Tag Line
- ▼ Synthetic Dial Tone
- ▼ Restrict Dialing After Call Completion
- ▼ Call Duration Timing
- ▼ Remote Diagnostics And Alarms
- ▼ Multiple On/Off Times Per Day
- ▼ Multilingual Automated Operator
- ▼ Exact Called Party Rate Quotes
- ▼ Free Call Capabilities
- ▼ Scalable & Upgradeable System
- ▼ Calling Thresholds For Destination Numbers*
- ▼ Set Alarms For Phone Numbers, PIN's, and Phone Locations*
- ▼ Automatically Call Investigators To Remotely Monitor Alarmed Calls*
- ▼ Automatically Email Alarmed Call Recordings*
- ▼ Use Existing LAN For Phone System Access*

TECHNICAL SPECIFICATIONS

GENERAL

Warranty

18 months parts and labor

Compatibility

Operates most any "dumb" coinless phone. Connects to VisitCom visitation phones for recording/monitoring.

Dimensions

17"W x 12.25"D x 4.25"H

Weight

15 pounds

LAN/WAN Ready

Ethernet Port
(Ethernet Switch Required)

Programming

Programmed remotely using a standard Windows® PC running Omniphone's PhoneTracker Management Software

Modem Connection

33.6K

Mounting

Brackets are provided for mounting in a standard 19" relay rack or on a wall.

Power Supply

120 volts AC, 80 watts
(standard wall socket)

STATION LINES

Connection

RJ-21X Female Socket

Talk Battery

-48 V DC

Max Loop Resistance

2000 Ohms

Loop Length

Up to one mile

Loop Current

24 mA

Voice Level Gain

(CO to Phone) -3 to 0 dB

CENTRAL OFFICE LINES

Connection

RJ-21X Male Socket

Type Of Line Required

Loop Start

Standard Business Line

Operating Loop Current

16 to 70 mA

Off-Hook DC Resistance

270-280 Ohms

Input Impedance

600 Ohms

Voice Level Gain

(Phone to CO) -1.5 to -.5 dB

DTMF Dial Level

-2 to 0 dBm

Voice Synthesis

Voice recording and synthesis is performed using the ADPCM technique at a sample rate of 8.0 KHz.

SINCE 1988, Omniphone has been engineering and manufacturing state-of-the-art smart technology for the corrections industry. This experience enables Omniphone to provide a level of reliability unmatched in the industry.

OVERVIEW

The *ComLink Defender Model 2424* is a remote "line controller" with two interdependent circuit boards installed in a 19" relay rack mounted enclosure and driven by Omniphone's feature rich, upgradeable software. Each unit controls the operation of up to 24 "dumb" non-coin telephones and 24 central office lines. Integrated line concentration technology allows any ratio of phones to lines to be used on each unit. Multiple units can be installed at a single facility to accommodate the number of phones and lines needed.

The *ComLink Defender Model 2424* incorporates Digital Signal Processor (DSP) technology for efficient voice recording and state-of-the-art call processing such as call rating, answer detection, call detail records, called party rate quotes and automated operator functions for collect and debit calls.

Reliability is a key ingredient of the *ComLink Defender Model 2424*. Because it does not rely on a PC to provide basic telephony functions, it is less likely to encounter inevitable problems that plague PC's (i.e., viruses, locking up, rebooting, mysterious errors, corrupted files, etc.). Also, since each unit operates independently, an inherent redundancy is built into the entire system at that level.

The *ComLink Defender Model 2424* is built around a modular structure. As correctional facility needs grow and expand, the system can grow and expand. Modules can be added to the *ComLink Defender Model 2424* as dictated by the needs of a facility. These modules come in the form of software and hardware components engineered and manufactured by Omniphone.

SOFTWARE MODULES

SentryLink™: On-site administration software that includes phone number blocking, PIN administration, call detail record reports, investigative reports, turning phones on/off, web access utilities, a streamlined booking system plus many other features. Up to thirty *ComLink Defender Model 2424/Model 0408* units can be administered by SentryLink software.

SentryVoice™: This add-on software for SentryLink provides the ability to administer recorded conversations and monitor calls from multiple communication devices. These devices include inmate telephones, VisitCom visitation phones, office administration lines/extensions, and radio dispatch equipment.

SentryAlert™: This add-on product for SentryLink gives assistance to investigators by immediately notifying them when an inmate dials a particular phone number or when a specific inmate PIN is used, or if a call is made from a specified inmate phone. The system can automatically call the investigator and allow them to listen to the inmate phone conversation. Also, upon conclusion of the call, the recording can be automatically sent to the investigator via email.

SentryDebit™: This add-on software for SentryLink can produce prepaid phone cards for inmates to purchase in the facility's commissary. In addition, this software can also maintain inmate accounts and family member accounts to which funds are applied for phone usage.

HARDWARE MODULES

VisitCom™ Visitation Phones: A set of two or a set of three VisitCom visitation phones can be easily connected to a *ComLink Defender Model 2424* to record and monitor visitation conversations.

LinkCut 24™ Manual Cut-Off Switch: In addition to the SentryLink software controls for turning phones on/off, each of these simple devices provide 24 phone-in-use LED's and 24 toggle switches for manually turning on/off individual phones.

MTI-1600 Interface: This device provides an interface between administrative phone lines/extensions, radio dispatch channels and a *ComLink Defender Model 2424* for the purpose of recording/monitoring these types of conversations.

Omniphone, Inc. ♦ P.O. Box 8739 ♦ Mobile, AL 36689
Phone: (251) 639-9639 ♦ Fax: (251) 639-9971 ♦ www.omniphoneinc.com