

## TECHNICAL SPECIFICATIONS

### GENERAL

Warranty  
18 months parts and labor

Compatibility  
Operates most any "dumb" coinless phone.

Dimensions  
11.02" L x 7.87" W x 3.00" H

Weight  
6 pounds

Communications Link  
Ethernet  
(Ethernet Switch Required)

Programming  
Programmed remotely using a standard PC running Windows® 9x, 2000 or NT version 4.0, and Omniphone's Windows® Based Management Software

Mounting  
Brackets are included for wall mounting or it may be placed on a horizontal surface (shelf).

Central Office & Station Connections  
Standard Male RJ-21X Connector

Power Supply  
120 volts AC, 30 watts (standard wall socket)

### STATION LINES

Talk Battery  
-33 to -38 V DC

Max Loop Resistance  
2000 Ohms

Loop Length  
Up to one mile of wire may be used between the telephone and the *ComLink Defender™*.

Loop Current  
24 mA

Voice Level Gain  
(CO to Phone) 1.1 to 2.6 db

### CENTRAL OFFICE LINES

Central Office Line  
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) -2.4 to -2.5 db

DTMF Dial Level  
-1.5 to -1.7 db

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

## ComLink Defender™

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.

**Record inmate conversations** using the recording technology in the *ComLink Defender*. The administration (i.e., retrieval, playback, archiving, etc.) of these recordings is provided through the optional *SentryVoice* software module in the Omniphone Windows® based *SentryLink* on-site administration software. The feature-rich *SentryLink* software also provides the correctional facility staff with additional management tools that include call detail records, customized reports, allowed numbers for each PIN, streamlined booking system and viewing of live call activity.

**Implement extensive call blocking capabilities** that provide you with ultimate control over the destination numbers inmates call and customize how specific destination numbers are handled.

**Increase security** by installing the *ComLink Defender* in a secure location up to one mile from the attached phones. PIN numbers are available to track each call back to a specific inmate or calls can also be tracked back to a specific phone.

**Decrease fraud** by restricting access to a live operator and utilizing the *ComLink Defender* bi-lingual automated operator for collect only call processing. Positive call acceptance restricts contact with answering machines and voice mail systems.

**Utilize Multiple On/Off Times** on the quarter hour, 24 hours a day, seven days a week. Each day can be programmed with its own on/off schedule for maximum flexibility.

**Reduce operating costs** using technology inherent in the design of the *ComLink Defender* to decrease validation, billing and collection expenses.

**Maintain complete control over the system** through customized, flexible programming provided to the *ComLink Defender* via Omniphone's feature-rich Windows® management software. In addition, extensive call records generated by the *ComLink Defender* can be exported to a spreadsheet, database or ASCII file for customized reporting needs.

## CONTACT INFORMATION

### Correctional Facility Personnel

Please, all inquires about the *ComLink Defender* System should be directed to your inmate telephone service provider.

### Inmate Phone Service Providers

Give us a call today and start providing the economical state-of-the-art *ComLink Defender* System to your correctional facility customers.



Omniphone, Inc.  
P.O. Box 8739  
Mobile, AL 36689  
(251) 639-9639  
(251) 639-9971 fax  
E-Mail: sales@omniphoneinc.com  
Web: www.omniphoneinc.com.

©2002 Omniphone, Inc. ComLink Defender™, SentryLink™ and SentryVoice™ are trademarks of Omniphone, Inc. All other trademarks are the property of their respective owners. Product specifications subject to change without notice. REV04/01.



## COMLINK DEFENDER™

REVOLUTIONARY INMATE TELEPHONE SYSTEM

INTEGRATED  
RECORDING  
TECHNOLOGY



INTEGRATED  
LINE  
CONCENTRATION

## STATE-OF-THE-ART FEATURES

- ▼ Operate Up To 8 Phones With 4 Or Fewer CO Lines
- ▼ Integrated Recording Technology
- ▼ Integrated Line Concentration
- ▼ 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.)
  - Inbound Calls Blocked
  - International Calls Restricted
  - Operator Access Restricted
- ▼ Personal Identification Numbers (PIN)
- ▼ Allowed Destination Numbers Associated By PIN\*
- ▼ Calling Thresholds For PIN Numbers\*
- ▼ Calling Thresholds For Destination Numbers\*
- ▼ Positive Call Acceptance, DTMF or Rotary
- ▼ Refused Number Buffer
- ▼ Random Call Location Tag Line
- ▼ Synthetic Dial Tone
- ▼ Restrict Dialing After Call Completion
- ▼ Call Duration Timing
- ▼ Detect Circumstances Surrounding A Three-Way Call
- ▼ Detailed Call Records
- ▼ Extensive Reporting Capabilities
- ▼ Remote Diagnostics And Alarms
- ▼ Multiple On/Off Times Per Day
- ▼ Bi-Lingual Automated Operator
- ▼ Exact Called Party Rate Quotes
- ▼ Free Call Capabilities
- ▼ Scalable & Upgradeable System

\*Requires SentryLink On-Site Management Software

## TECHNICAL SPECIFICATIONS

Up to eight telephones utilizing four or fewer central office lines can be operated with a single *ComLink Defender* controller.

*State-Of-The-Art!*

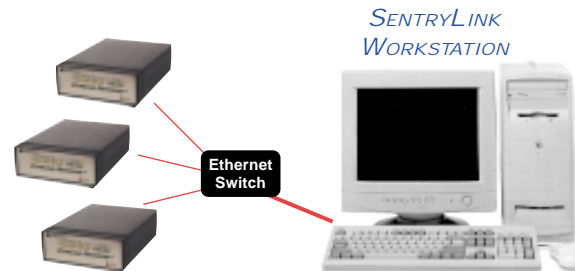
Each *ComLink Defender* controller can operate as a stand-alone unit or, for added functionality, networked with a *SentryLink* on-site workstation.

*Reliable!*



*Economical!*

## Optional On-Site Administration



Multiple *ComLink Defender* controllers (up to ten) can be networked through an ethernet communications link to a standard PC operating *SentryLink* on-site administration software. This will provide control of up to 80 station lines and 40 or fewer central office lines using a single *SentryLink* system.

### ComLink Defender™ Introduction

The revolutionary *ComLink Defender* provides the ideal solution for the demanding inmate telephone system needs of correctional facilities. It integrates smart technology, recording capabilities and line concentration to provide an efficient, economical telephone system. This means that small to medium sized correctional facilities can now utilize the same features and functionality that only large facilities could previously enjoy. The cost barrier has been broken!

The *ComLink Defender* is a remote "line controller" with two interdependent circuit boards installed in a small encasement and is driven by Omniphone's feature rich, upgradeable software. It controls the operation of up to eight "dumb" non-coin telephones while sharing four or fewer central office lines.

The *ComLink Defender* incorporates Digital Signal Processor (DSP) technology to allow 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* system. 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.).

### SentryLink™ Introduction

For added functionality, a *ComLink Defender* inmate phone system can be linked via ethernet communications to a *SentryLink* on-site administration workstation. The *SentryLink* software provides correctional facility staff with management tools for their *ComLink Defender* inmate telephone system. These tools provide on-site personnel with the ability to:

- ▼ Block Specific Telephone Numbers
- ▼ Retrieve & Analyze Call Detail Records
- ▼ Produce Customized Reports
- ▼ Provide Streamlined Easy-To-Use Inmate Booking
- ▼ Utilize Personal Identification Numbers (PIN)
- ▼ Establish Allowed Numbers For Each PIN
- ▼ Set Calling Thresholds For Destination Numbers
- ▼ View Live Call Activity
- ▼ Set Calling Thresholds For PIN's

### Optional SentryVoice™ Software Recording Module

If recording and/or monitoring is required, simply purchase the optional *SentryVoice* software module and add it to the *SentryLink* system.

- ▼ Search, Retrieve, Playback And Archive Recorded Conversations
- ▼ Turn Off Recording For Specific Telephone Numbers, Particular Inmates And Certain Telephones
- ▼ Monitor Live Conversations

