

DEFENDER 2000™

*The
Ultimate
Inmate
Telephone
System!*

SECURITY

- ▼ 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
- ▼ PIN 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

RELIABILITY

- ▼ Omniphone has been manufacturing inmate telephone systems since 1988.
- ▼ Many of the first systems manufactured are still in service today.

FLEXIBILITY

- ▼ Multiple On/Off Times Per Day
- ▼ Custom Handling Of Destination Numbers
- ▼ Bi-Lingual Automated Operator
- ▼ Exact Called Party Rate Quotes
- ▼ Expandable & Upgradeable System

CONTROL

- ▼ Detailed Call Records
- ▼ Extensive Reporting Capabilities
- ▼ Remote Diagnostics And Alarms

The Omniphone Defender 2000™

---General Specs---

Warranty
18 months parts and labor

Compatibility
Operates most any "dumb"
coinless phone.

Dimensions
9.75" x 21.5" x 3.25"

Weight
14 pounds

Programming
Controllers are programmed
remotely using a standard PC
and Omniphone Management
Software.

Central Office & Station
Connections
Standard RJ-11 Ports

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

---Station Line Specs---

Talk Battery
42 - 48 vdc

Max Loop Resistance
800 - 1000 ohms

Loop Length
Up to 15,000 feet of wire may
be used between the
telephone and the controller.

Loop Current
16 to 80 mA

Voice Level Gain
(CO to Phone) -2 to 0 db

---CO Line Specs---

Central Office Line
Loop Start Standard
Business Line

Operating Loop Current
16 to 80 mA

Off-Hook DC Resistance
60 ohms

Input Impedance
600 ohms

Voice Level Gain
(Phone to CO) 0 to -1 db

DTMF Dial Level
-4 to 0 db

Voice Synthesis
Voice recording and synthesis
is performed using the
ADPCM technique at a
sample rate of 5208 Hz.

Correctional facility staff are faced with many operational issues that require a considerable amount of time and attention. They shouldn't be bothered with complaints about the inmate telephone system. Omniphone technology answers these concerns. The Defender 2000 provides a level of reliability unmatched in the industry. Since 1988, Omniphone has been manufacturing smart technology for public and inmate telephones. Our experience and proven technology can put correctional facility staff at ease about their telephone system and allow them to focus on other important matters.

The Omniphone Defender 2000 is a remote "line controller" with three interdependent circuit boards in a metal encasement and is driven by Omniphone's feature rich, upgradeable software.

The Omniphone Defender 2000 provides correctional facilities with a fully featured inmate telephone system. Prison management benefits because you can control inmate privileges, call duration limits, and phone access times and you can identify inmate calls on an individual basis by prisoner ID numbers. The service provider benefits because the Defender 2000 allows carrier routing for cost control, cost efficient operation, and the technology is outside the phone and can be located in a place safe from vandalism.

The Omniphone Defender 2000 offers 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 calls.

Among the fraud control features offered by the Defender 2000 is the ability to detect certain sequences of events which can occur during a three-way call attempt. The Defender 2000 can be programmed to play a random tag line identifying the call is from an inmate. As an aid to discourage three-way call attempts, the Defender 2000 may also be programmed to disconnect calls under certain circumstances.

The Omniphone Defender 2000 provides you with an inmate telephone system that focuses on security, reliability, flexibility, and control.

Omniphone technology is the most widely used inmate telephone system in the United States. Millions of calls are processed daily from correctional facilities using Omniphone's state-of-the-art inmate telephone systems.

Utilize extensive call blocking capabilities that provide you with ultimate control over the destination numbers inmates call. In addition, the Defender 2000 allows you to further customize how specific destination numbers are handled.

Increase security by installing the Defender 2000 in a secure location up to 15,000 feet from the attached phones. PIN numbers are available to track each call back to a specific inmate.

Decrease fraud by restricting access to a live operator and utilizing the Defender 2000 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.

Access extensive call detail records for investigative and administrative purposes.

Reduce operating costs using technology inherent in the design of the Defender 2000 to decrease validation, billing and collection expenses.

Maintain complete control over the system through customized, flexible programming provided to the Defender 2000 via Omniphone's management software. In addition, extensive call records generated by the Defender 2000 can be exported to a spreadsheet, database or ASCII file for customized reporting needs.

It's Flexible! The Defender 2000 provides you with fraud controls, customized call record reports, many call blocking options, call duration limits, bi-lingual automated operator, custom call location tag lines, and much more.

Add Omniphone's Sentry 2000 on-site administration software to provide correctional facility staff with state-of-the-art management tools for their Defender 2000 Inmate Phone System.



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