TECHNICAL MANUAL

Model 3014, 3016, 3018

KIV-7 Ancillary

July 30, 2002
Warranty

ISSD warrants the items purchased to be free from defects in materials and workmanship, and that they conform to the requirements of the Purchase Order or Contract at the time of final acceptance by the customer. ISSD’s liability under this Warranty shall begin on the date of final acceptance and terminate twenty-four (24) months thereafter. Written notice of any defects shall be given to ISSD upon discovery of these defects by the customer. Upon receipt of notification, ISSD will provide return instructions to the customer. Once the equipment is received, ISSD will inspect the equipment to determine the cause and extent of the defect. If the defect is determined to be covered under this Warranty, ISSD will correct such defects by repair, modification, or replacement at its option without charge. In no event shall ISSD’s liability under this Warranty exceed the cost of repair or replacing such defective item and under no circumstances shall ISSD be liable for special or consequential damages. The buyer shall indemnify ISSD against all claims arising on account of economical losses, which may arise subject to this provision.

This Warranty constitutes ISSD’s sole and exclusive liability hereunder and the customer’s sole and exclusive remedy for defective or non-conforming items and is in lieu of all other warranties, expressed, implied, or statutory (including the warranty of merchantability or fitness for a particular purpose).

Customer Support

For assistance with installing and configuring your KIV-7 Ancillary or with post-installation questions or problems, you can contact ISSD at the following numbers:

Phone:

(410) 694-4900

Fax:

(410) 859-4924

World Wide Web

ISSD maintains a World Wide Web Home Page that you can access at the universal resource locator (URL) http://www.titanissd.com
Congratulations on your purchase of the ISSD KIV-7 Ancillary. This manual provides instructions for the installation, operation, and maintenance of the Ancillary. Please take the time to read this manual in its entirety before installing and operating your KIV-7 Ancillary.

Overview

The Model 3014, 3016, or 3018 provides an integrated solution to the installation of the Government standard KIV-7 encryption devices. Key features are:

Features

- Redundant auto ranging power supplies
- Mounts in a standard 19” EIA equipment rack
- Supports KIV-7, KIV-7 HS / HSA / HSB encryption devices or wire line adapter

Model 3014

Supports 2 devices

Model 3016

Supports 4 devices

Model 3018

Supports 8 devices
Chapter 2
Installation

Introduction

The Model 3014, 3016, and 3018 may be installed in fixed, semi-fixed, and mobile environments. This chapter provides unpacking and installation instructions.

Unpacking

Inspect the shipping container for signs of damage during shipping, storage, or handling. Open the container and carefully remove the unit from the box. After removing the unit from its shipping container, inspect it for any external damage. Verify that the shipping carton contains the following items:

- Power Cable
- Manual

Location and Mounting

The Model 3014, 3016, and 3018 are designed for mounting in a standard 19-inch equipment rack utilizing the mounting ears provided on the front of the unit.

AC Power

Connect the power cable to the unit. Plug the free end of the power cord into a standard three prong AC outlet.

Install KIV

Remove the front panel assembly and slide the KIV-7(s) into the assembly. Replace the front panel. Connect the RED / BLACK signal and power cables to the rear of the KIV.
Chapter 3
Maintenance

Introduction

The Model 3014, 3016, and 3018 require minimal care and maintenance. This chapter provides guidelines for preventive and corrective maintenance.

General Care

The unit should be treated with the care normally afforded any valuable piece of electronic equipment.

- **Do** keep all surfaces clean using a damp, soft cloth
- **Do not** use abrasives or solvents, as these may mar surfaces.
- **Do not** subject the unit to excessive temperature extremes.
- **Do not** subject the unit to excessive moisture or spilled liquids.
- **Do not** subject the unit to sudden and severe shocks.
- **Never** operate the unit with any of the covers removed or if the Housing is damaged in any way.

Preventive Maintenance

The following preventive maintenance actions should be performed to keep your unit in good working order:

- Monthly, clean any dust from the ventilation holes.
- Annually, or more frequently depending on local conditions, thoroughly clean any dust from the ventilation holes and the interior of the unit using a small vacuum cleaner. Inspect all connectors and cables to ensure they are tight and there are no breaks or fraying of the shields. Tighten connectors as required.
CUSTOMER SURVEY

We are proudly ISO 9001-2000 Certified

Your feedback is very important to us. Please fill out this evaluation checklist pertaining to our products and services.

You may use any of the following to reply:

Mailing Address: Titan Corporation/ISSD
7480 Candlewood Road
Hanover, MD 21076
Paula Bryant, QA Manager

Phone Number: (410) 694-4958
Fax Number: (410) 859-5823
E-Mail Address: pbryant@titan.com

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