



Signal Management Unit

***sat-nms* SMU**

User Manual

Version 1.0.002

© Copyright
SatService Gesellschaft für Kommunikationssysteme mbH
Hardstrasse 9
D-78256 Steisslingen

satnms-support@satservicegmbh.de

www.satnms.com
www.satservicegmbh.de
Tel +49 7738 99791-10

Table Of Contents

Table Of Contents	1
sat-nms SMU User Manual	2
1 Introduction	2
2 Installation	3
3 Operation	3
4 Remote Control	3
5 Theory of Operation	3
6 Specifications	3

sat-nms SMU User Manual

Version 1.0.002 -- 2021-07-29 -- © 2011-2021 SatService GmbH

Abstract

The SATNMS SMU Signal Management Unit manufactured by SatService GmbH is a universal frame to be fitted with different card modules. Five card slots are provided in the MPC (Multipurpose Chassis). These slots could be fitted with the following cards:

- **sat-nms** UMPS (Universal Multipurpose Switch)
- **sat-nms** TMPS (Transfer Multipurpose Switch)
- **sat-nms** LDCI (Line Amplifier DC Inserter)

Table Of Contents

- [1 Introduction](#)
- [2 Installation](#)
- [3 Operation](#)
- [4 Remote Control](#)
- [5 Theory of Operation](#)
- [6 Specifications](#)

1 Introduction

This document is the user manual provided with the **sat-nms** SMU Signal Management Unit. It contains all necessary information how to install, setup, and operate the unit. The user manual is available as a printed document and for on-line reading on the switch matrix itself as well.

...allgemeine beschreibung hinzufügen...

Key features

- features auflisten

The paragraphs below give a short overview to the contents of the documentation. A subset of this documentation is stored on the device itself, the complete documentation is available on the **sat-nms** documentation CD and at www.satnms.com.

- **Installation** : The installation chapter guides through the installation and setup of the **sat-nms** SMU. It describes the mechanical concept of the SMU chassis and the assignment of the connectors. Finally you learn in this chapter how to set the SMU's IP address, which is an essential precondition to operate the SMU by means of a web browser. This section is available in the printed version only.
- **Operation** : The **sat-nms** SMU is operated using a standard web browser like the Mozilla Firefox. The user interface design is straight forward and clearly structured. Operating the SMU is mostly self-explanatory. Nevertheless, the 'Operation' chapter outlines the map of web pages which make up the SMU user interface and elaborately describes the meaning of each alterable parameter.
- **Remote Control** : The **sat-nms** SMU provides a versatile remote control interface. A

monitoring & control software may fully operate the SMU either through a TCP/IP network connection or through the RS232 interface of the SMU. This chapter describes the communication protocol used for remote control and lists all parameters accessible through the remote interface.

- **Theory of Operation** : This chapter gives a short overview how the matrix and the different modules works together.
- **Specifications** : At the end of the document, the specifications applicable to the **sat-nms** SMU are summarized in this chapter.

Support and Assistance

If you need any assistance regarding our **sat-nms** SMU, don't hesitate to contact us. We would be pleased to help you by answering your questions.

satnms-support@satservicegmbh.de

SatService GmbH
Hardstrasse 9
78256 Steisslingen
Germany
phone +49 7738 99791-10
www.satnms.com

2 Installation

This chapter describes how to install the **sat-nms** SMU and the different cards.

3 Operation

4 Remote Control

5 Theory of Operation

6 Specifications

