NR-SDM
System Diagnostics and Monitoring Module

neTrans

SDM

Features

Robust Design

▶ Provides intelligent remote systems monitoring

▶ Check Status of your System from any Web access point

▶ Uses standard internet Browsers

▶ Can be accessed from any location

▶ Web browser graphical rack display

▶ Updates panel information periodically from entire rack

▶ Alarm records extractable in standard CSV format for post processing

▶ Network wide administrative tools for firmware upgrade, configuration back up and restore

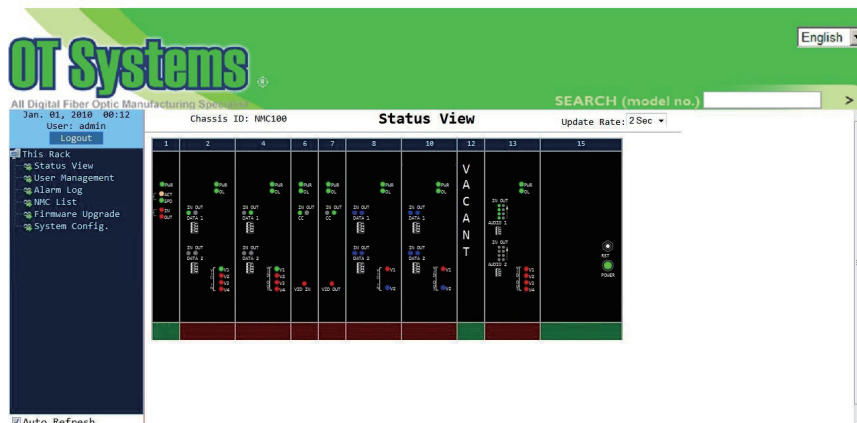### Warranty

▶ Comprehensive Lifetime Warranty

Description

OT Systems' NeTrans System Diagnostics and Monitoring (SDM) Module offers system administrators and authorized security professionals remote access to their fiber optic security system operation from any network computer. SDM is designed to be implemented on a web-base environment and a private LAN (Ethernet) system network.

The software is an innovative password protected remote monitoring system that allows instant status verification of a NeTrans digital video system. It is compatible with standard web browsers including IE6, 7 and 8.

Instant alarm reporting allows for quick and appropriate action by operators. Alarm information includes time, slot ID, module name, channel name and event description. The diagnostic system monitors SFP operating limits, video/data/audio/contact closure channel status, optical loss and module removal. Alarms are divided into two levels and displayed in the log using different background colors for easy visual identification.

SDM Screen on web browser

Specifications

Ethernet

Connector	1 x RJ45
Standard	IEEE802.3x, IEEE802.3u
Cabling	Cat5 UTP
Maximum Distance	100m
Data Rate	10/100Mbps

Contact Closure

Number of channels	1
Direction	Bi-directional
Input Type	TTL Logic (positive)/ Dry Contract
Output Type	Default: Normal Open (Dry Contact)
Dry contact Output Rating	110 VDC/125VAC, 30W/62.5VA max
Contact output response time	2 msec
Input/ Output Indications	LEDs (Green lit/OFF)
Input/ Output Connectors	5-pin screw terminals

Electrical and Mechanical

Power	12VDC from Intelligent rack
Dimensions(WxHxD)	158.4 x 25.4 x 231.8mm (Max)
Shipping Weight	0.74kg

Environmental

Operating Temp	0°C to +60°C
Storage Temp	-40°C to +85°C
Relative Humidity	0 to 95% non-condensing
MTBF	> 100,000 hours

Ordering Information

Part Number	Description	No. of slots
NR-SDM	System Diagnostics and Monitoring Module for NR-C14 Intelligent Rack	1

OT Systems Ltd., June 2012
Due to continuous improvement, all product specifications are subject to change without further notice.