

NetSpector

Network Analyser

The INAT network analyser unlocks the mystery behind your network. If you maintain, monitor, evaluate or build LANs, the INAT NetSpector analyser provides the edge you need to cope with these challenges:

- Analysis of data transfer in 10 / 100 and 1.000 Mbps LANs
- Troubleshooting in Ethernet LANs
- Professional network monitoring and optimisation



Special Features

- **Supported protocols**
 - TCP
 - IP
 - ISO (H1)
 - ISO on TCP (RFC1006)
 - S5
 - S7
 - Modbus on TCP
 - UDP
 - ARP
 - RARP
 - ICMP
 - SNMP
 - NetBEUI
 - NetBIOS (TCP)
 - DNS
 - BOOTP
- **Comfortable user interface**
 - Complex network information is presented in its processed form in different windows
 - Object oriented, user defined user interface
 - Intuitively operable via mouse or keyboard
- **Reliable information**
- **Online display of all communicating stations**
- **Recording of data in short and long term operation**
- **Recording depth of up to 99 MB**
 - approx. 1 Million H1 frames
- **Filters**
 - Capture, display and protocol filters
 - Unnecessary information is systematically and specifically filtered out
- **Symbolic Station Names**
 - Symbolic names can be assigned to stations
- **Trigger**
 - Start or stop a capture with the arrival of a particular frame
 - Elicit specific information from the network traffic
- **Search function**
- **Traffic display**
- **Coloured labeling**
 - Colour labeling of the frames
 - Makes it easier to find individual frames

**First testing,
then licencing**

A test version of NetSpector
is available at www.inat.de

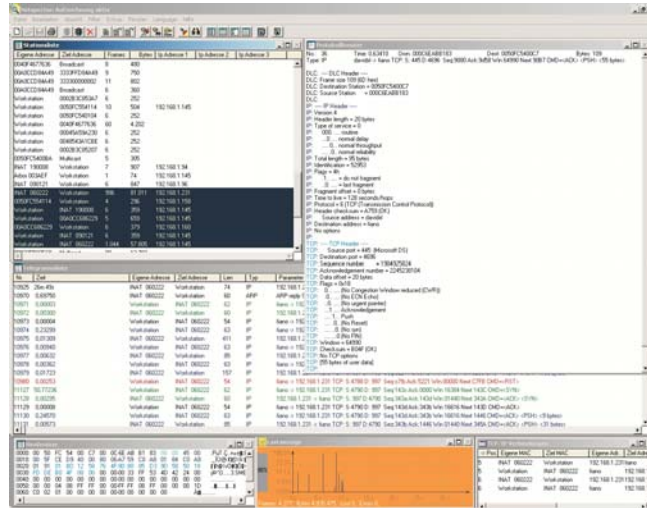


The easy-to-learn Windows user interface enables you to investigate the station communication and to analyse specific frames and even data words from your PLC.

Active capture is indicated with the red coloured traffic windows. There you receive information about the number of captured frames and bytes.

NetSpector captures all frames from the start up. Each station participating in network communication is registered and added to a station list. From the station list you select the station to investigate.

The data traffic between two Ethernet H1 stations can be filtered and analysed in the H1 connections window.



The frame list of the selected station is created. The colour labeling of the frames makes it easier for you to find individual frames. Afterwards you select a specific frame from the frame list.

In addition it is also possible to display the frame content as hexadecimal and ASCII in the frame hex window.

The selected frame is displayed fully decoded, and in detail, in the frame detail window.

Using these displays you can observe the network communication, and find the source of any disturbances or faulty frames. The entire frame traffic capture can be stored for later analysis.

Display

- **Station list**
 - List of all stations participating in network communication (number of frames, transmitted data)
- **Frame list**
 - All frames of a selected station are listed with time, number, type of protocol and parameter
- **Frame detail**
 - Detailed, decoded content of a selected frame
- **Frame hex**
 - HEX- and ASCII depiction of the frames
- **Traffic**
 - Memory information and net performance monitor
- **H1 connections**
 - Protocol specific window for H1 frames and connections

Complete mobile solution

- NetSpector is available ready for immediate use, with the hardware and software already installed in a Pentium notebook
- Operating system: Win 2000 or XP
- If desired with dongle

Order data

NetSpector, Software solution for Windows PCs* (operating systems Win 98 / ME / NT / 2000 / XP)

Product:	Order number:
Single user's licence	100-2260-01
Up to 10 licences	100-2260-10
Upgrade	100-2260-Upg
Parallel dongle	990-2261-01
USB dongle	990-2262-01
NetSpector + Notebook	100-2200-01

* System requirements:

Pentium II, 128 MB user memory, 1 GB free hard disk, standard Ethernet adapter

