Net Monitor

Description:

For monitoring coaxial and LAN voltage also the RF level of coaxial network, transmitting data in real time. Data visualization can be performed by any monitoring program that supports SNMP protocol (eg. The Dude).

Features :

- RF level monitoring - 90÷50dBµV
- Coaxial voltage monitoring - 0÷80VAC
- LAN voltage monitoring - 0÷100VAC; 0÷140VDC
- SNMP protocol support
- Web based software for visualizing of measure parameters

BG-1784 Sofia, 133, "Tzarigradsko shosse" blvd., High-Tech Park IZOT, office 205, DTK Electronics Ltd.
phone: (+ 359 2) 971 85 11, fax : (+ 359 2) 971 85 12, e-mail: office@ dtk-electronics.com, internet: http//www.dtk-electronics.com

Technical specification :

RF level	90÷50dBµV
Coaxial line voltage	0÷80VAC
LAN network voltage	0÷100VAC 0÷140VDC
Temperature senson	

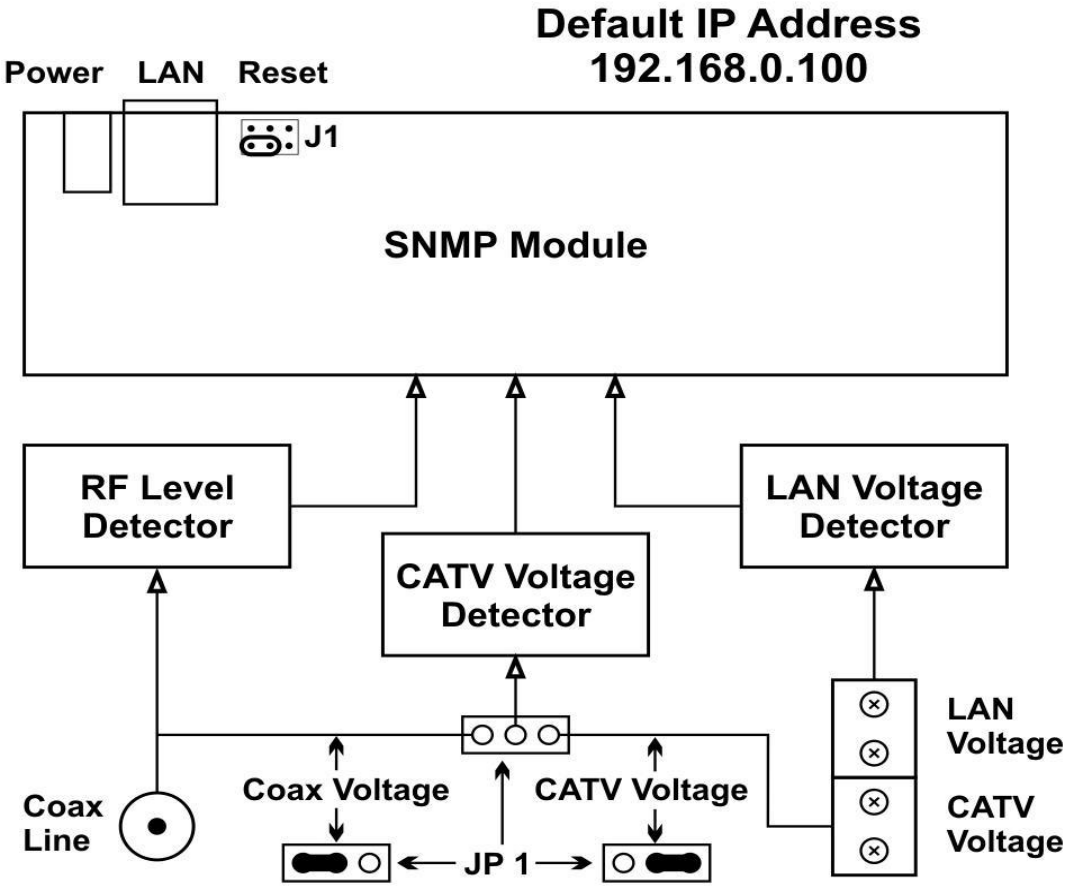
Power specification

Device power supply	9-12V DC
Device power consumption	1.1W

Dimension and workspace requirements

Dimensions (W x H x D)	94 x 113 x 28 mm
Operating temperature range	0 ÷ 40 °C
Weight	0.25 kg
Protection index	IP 20

Block diagram:



Remote manage via SNMP v.1 protocol using built-in WEB interface.

Net Monitor connects to the network via UTP cable with RJ-45. After power on wait about 8 seconds and it is ready for use.

Browser requirements

Mozilla/Firefox
Internet Explorer 6 or later

SNMP manager requirements

Every SNMP v1 compatible

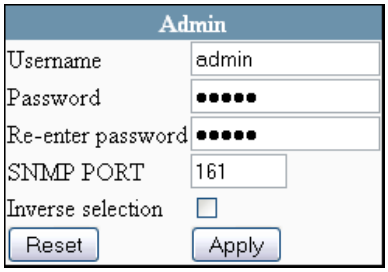
Default network settings:

IPv4 IP **192.168.0.100**
IPv4 Netmask 255.255.255.0
Pv4 DG 192.168.0.1
DHCP enabled FALSE

Default access settings:

Username : admin
Password: admin

In **Admin** field , if you remove the check against **Inverse selection** will then apply the rule – **"1"** is presence and **"0"** is absence – to the whole interface.

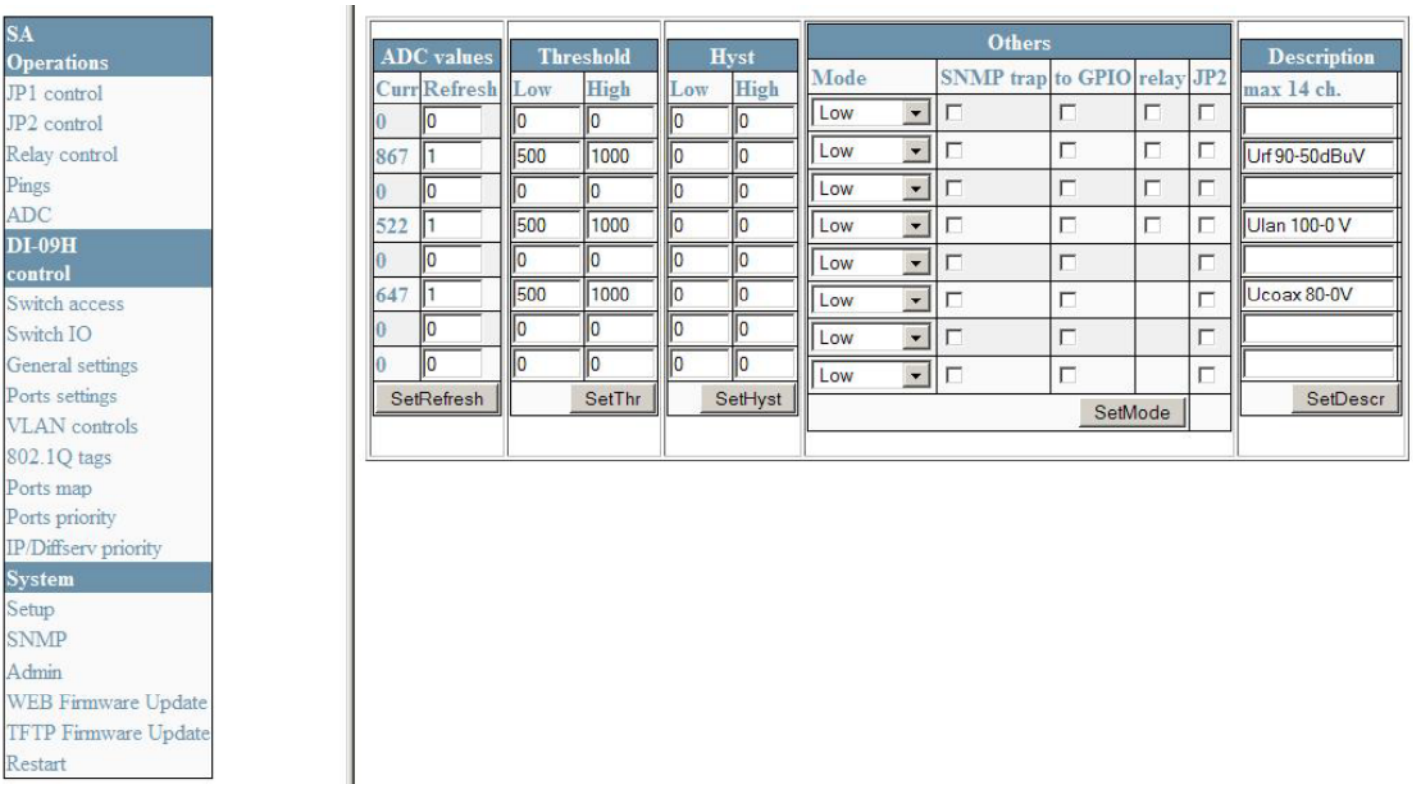


- „1"
- „0"

Username – System user's name
Password – password first time
Re-enter password – password second time for verification

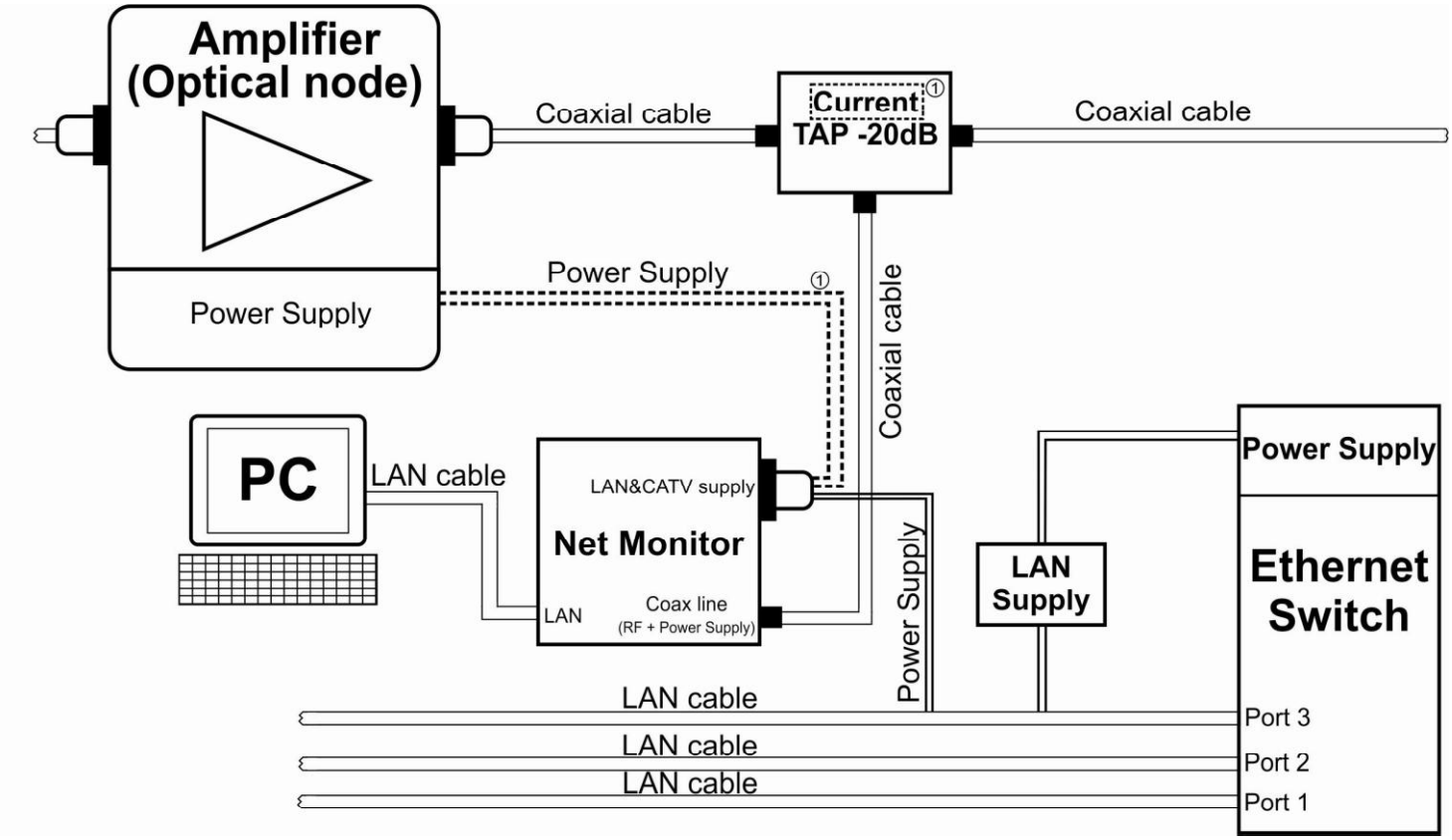
The restriction for username and password is 8 symbols!

***The visualization is done through menu* ADC :**



The data on measured values are displayed in box* ADC values. *By pressing* SetRefesh *receive real time data. They are digitized and can be viewed with any software using SNMP protocol (eg. The Dude).

Example block diagram of the application of Net Monitor :



① When power is not available on the coaxial line the voltage can be measured directly from the power supply. In this case there is no need to use current Tap.