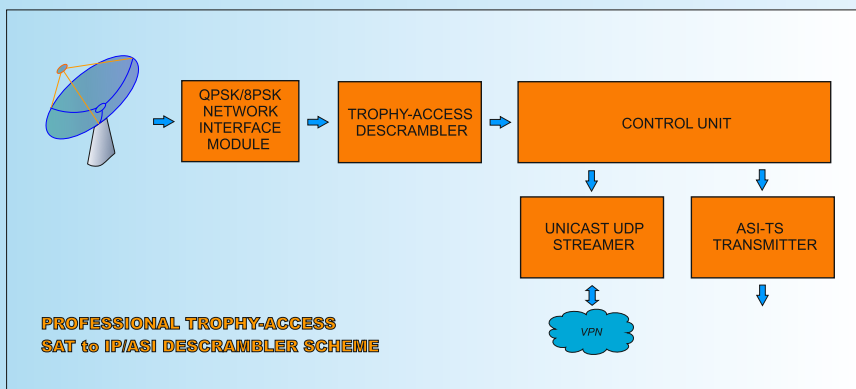


PROFESSIONAL TROPHY-ACCESS SAT to IP/ASI DESCRAMBLER

Professional Trophy-Access SAT to IP/ASI descrambler is designed to:

- ★ receiving of the full QPSK / 8PSK transponders;
- ★ encapsulation of Transport Stream to unicast UDP-packets (100Base-T Ethernet);
- ★ transmission of the Transport Stream to ASI-output;
- ★ descrambling of the all TROPHY-ACCESS services.



LED1 (STATUS) indicates the operation of the descrambler. In the case of the normal operation of the scrambler LED gives a green light. In the case of incorrect operation - the LED lights up red.

Options:

Input frequency	950...2150 MHz
Input signal level	-65...-25 dBm
S/N	Not less than 8 dB
Input impedance	75 Ohm
Demodulation	QPSK/8PSK
Input symbol rate	1...45 Msymb/sec (QPSK)
	1...37 Msymb/sec (8PSK)
FEC	QPSK
	8PSK
	1/2, 2/3, 3/4, 5/6, 7,8
	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 7/8, 8/9, 9/10

TROPHY-ACCESS DESCRAMBLER OPTIONS	
Type of CAS	Cardless, doesn't match CSA algorithm
Polynomial length	2048 bits
The size of the decoder address field	32 bits
Quantity of addressable decoders	4,294,967,295
The number of serviced channels	without any restrictions
The number of packets serviced	without any restrictions
Automatic disconnection of the decoder	with zero balances in the account

IP address of the default:

★ 10.10.10.99

Name: admin

Password: admin

The screenshot shows a web browser window with the URL 10.10.10.99. The page displays the 'TROPHY' logo and a 'Device info' section. The 'Device info' section contains a table with the following data:

Chip ID	35324703-33343032-0030001D
SoftWare version	1.0b
HW Revision	2.0a
Decryptor ID [Change]	42-1234567890 (ET4)

Below the table, there is a warning message: **Attention! UDP data transfer to the output currently stopped.** To continue the UDP data transfer do the following:

1. Check the "Configuration" settings.
2. Click "Quit".

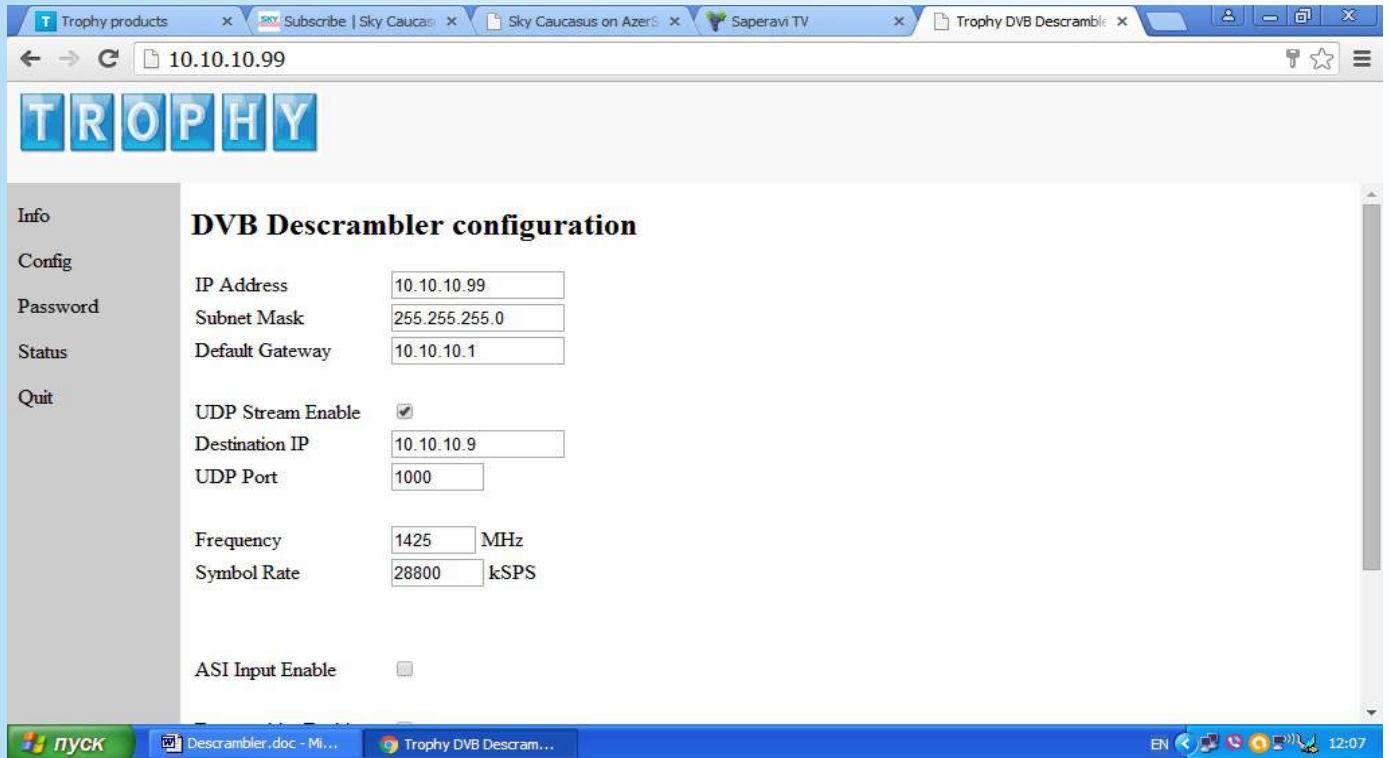
“Device info” menu shows:

- the Descrambler Chip ID;
- the SoftWare version;
- the HardWare version;
- TROPHY-ACCESS original Decryptor number.

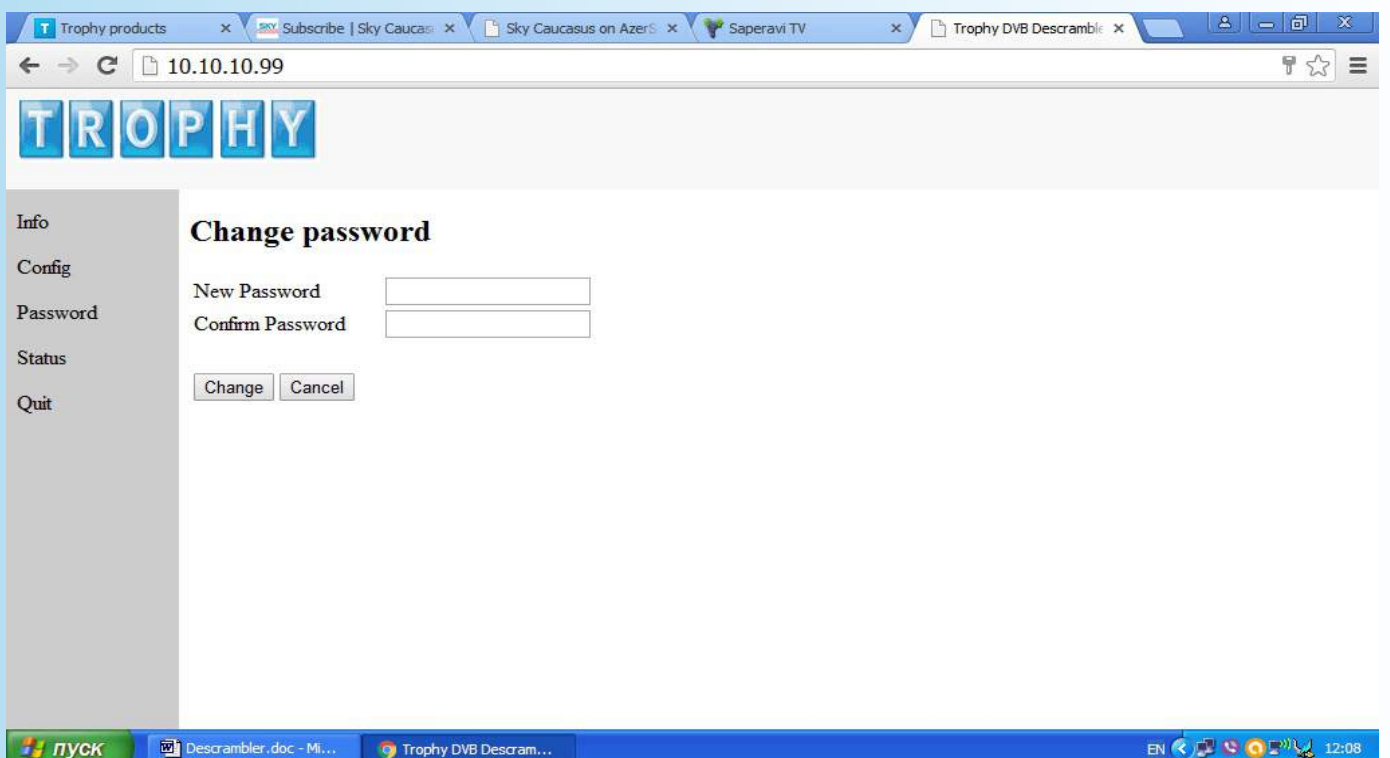
UDP data transfer is stopped when WEB-interface is opened.
To continue the UDP data transfer you must click “Quit” menu.

In the Configuration menu you can configure the Professional Trophy-Access SAT to IP descrambler:

- Satellite transponder options;
- Network settings;
- enable / disable of the output Transport Stream descrambling.

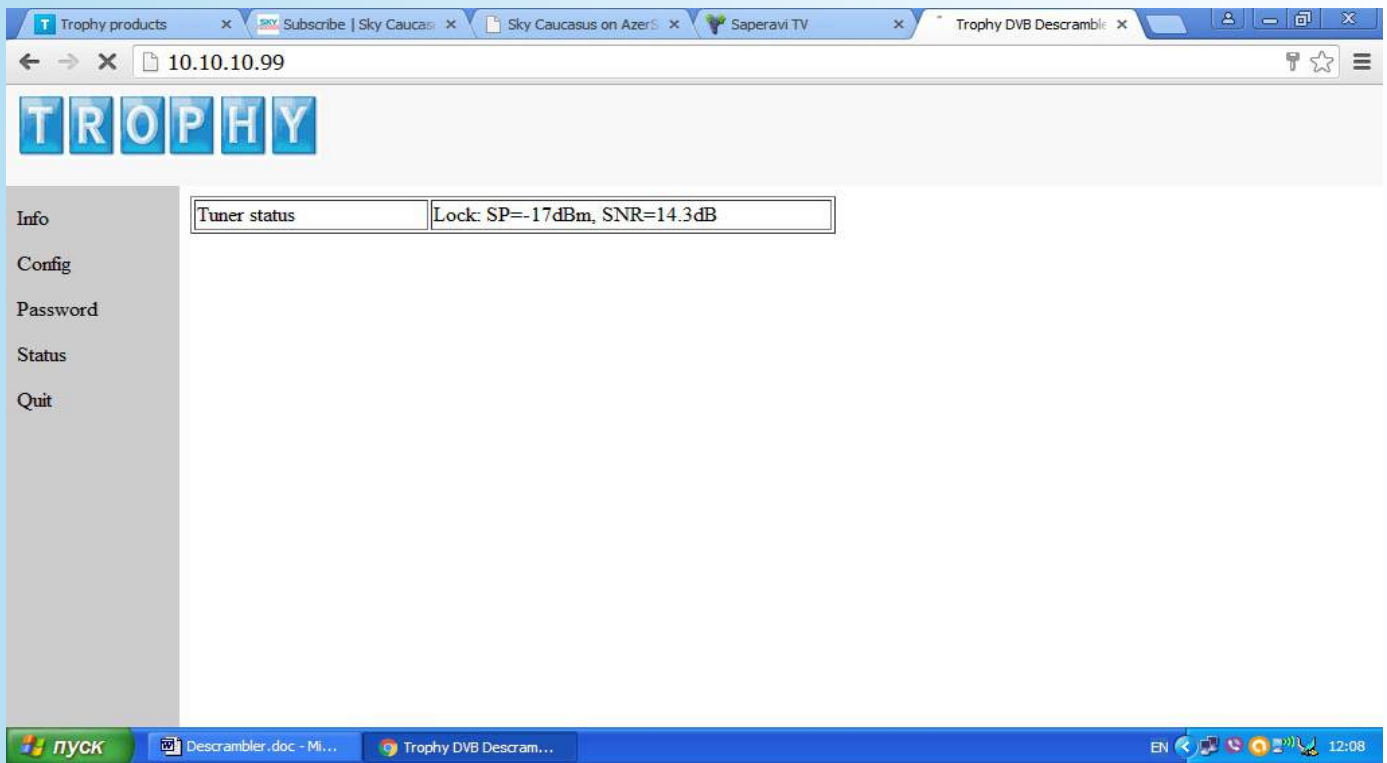


In "Change password" menu you have the opportunity to change the password for confidential.



“Status” menu shows the status of DVB-S/S2 tuner:

- LOCK/UNLOCK of the signal;
- the signal input level;
- the Signal to Noise level.



Attention! UDP data transfer is stopped when you are using WEB-interface functions!
 “QUIT” menu restarts Descrambler and UDP data transfer comes to ETHERNET output of device.
 ASI data transfer comes to output of device all time.

