



---> IQmonitor - Only files !

strannik ⌚ May 24th 2020



strannik

[Enlightened]

Reactions Received: 539

Posts: 495

May 24th 2020

Wenn sich Freunde heute an Reiner Schulz [Ponny] erinnern, dank dessen IQmonitor aufgetreten ist, erstelle ich ein Thema, in dem ich die neuesten Versionen des Programms veröffentlichen werde.

Hier werden nur Dateien veröffentlicht, die für das Funktionieren des Programms erforderlich sind.

Alle Fragen und Diskussionen finden Sie ausschließlich im Thema IQmonitor-Tool und mein Live-Tagebuch (<https://filatov-yuri.livejournal.com>).

Um das Programm zu installieren, entpacken Sie IQmonitor_Base.zip an die Stelle, an der Sie den IQmonitor-Ordner anzeigen möchten, vorzugsweise nicht auf dem Systemlaufwerk.

Dadurch wird die Basis für die Datenbank erstellt.

Entpacken Sie dann den Rest der angehängten Archive in den IQmonitor-Ordner. In Zukunft müssen Sie nur noch die neuesten Archive aktualisieren.

Erfolge bei der Arbeit mit dem IQmonitor-Programm und vergessen Sie nicht, Ihre Ergebnisse im Forum zu veröffentlichen.

Today, when friends remember Reiner Schulz [Ponny], thanks to whom IQmonitor appeared, I am creating a topic where I will publish the latest versions of the program.

Only files that are necessary for the program to work will be published here. All questions and discussion are exclusively in the topic IQmonitor tool and my live journal (<https://filatov-yuri.livejournal.com>).

To install the program, unzip IQmonitor_Base.zip to where you want to see the IQmonitor folder, preferably not on the system drive. This will create the basis for the database. Then unzip the rest of the attached archives into the IQmonitor folder. In the future, you will only need to update the latest archives.

Successes in working with the IQmonitor program and do not forget to post your results on the forum.

/topic closed by qwer: files only! @strannik 🙄

Files



[IQmonitor_2404.zip](#)

(1.48 MB, downloaded 498 times, last: 3 minutes ago)



[IQmonitor_Base.zip](#)

(1.35 MB, downloaded 459 times, last: 2 minutes ago)



[IQmonitor_StreamReader.zip](#)

(1.07 MB, downloaded 549 times, last: 2 minutes ago)



[IQmonitor_TransEdit.zip](#)

(2.23 MB, downloaded 512 times, last: 2 minutes ago)



[IQmonitor_DVBinspector.zip](#)

(3.61 MB, downloaded 541 times, last: 2 minutes ago)



[IQmonitor_2403.zip](#)

(1.48 MB, downloaded 362 times, last: 2 minutes ago)

. Yuri Filatov (*strannik*)<https://filatov-yuri.livejournal.com> (<https://filatov-yuri.livejournal.com>)

Edited 2 times, last by strannik (Sep 13th 2020).



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Sep 13th 2020

Starting from IQmonitor version 2405, the format of rfs and ini files has changed.

This is done to expand the reception capabilities without upgrading your equipment, but only at the expense of the IQmonitor program.

To start the program, use the ini file that is present in the archive, having previously adjusted the parameters to their values in a text editor.

After starting the program, create your own calibration curves, which after closing the program will be automatically saved in the ini file.

Calibration of IQmonitor

Until you do this, the program will work with my calibration curves, giving correct, but not as accurate, results.

Files



IQmonitor_2405.zip

(1.48 MB, downloaded 272 times, last: 3 minutes ago)

. Yuri Filatov (*strannik*)<https://filatov-yuri.livejournal.com> (<https://filatov-yuri.livejournal.com>)

Sep 26th 2020

I am publishing a new, 2.4.0.6 version of my IQmonitor program.

The archive also contains two *ini* - files that guarantee the operation of the program and obtain a high-quality result in a reasonable time.If you have used the program before, then I should note that old *ini* - files will not ensure the correct operation of the program.

In any case, you will need to calibrate your receiving unit to obtain excellent results like respected Lambda



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Final test IQmonitor 2406

Files



IQmonitor_2406.zip

(1.48 MB, downloaded 262 times, last: 3 minutes ago)

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Edited once, last by strannik (Sep 26th 2020).

Nov 7th 2020

I publish the latest version of the IQmonitor_2 program - 2.4.0.7



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Reactions Received:

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Posts:

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The program implements the concept of one pixel - one SNR measurement of a DVB-S2 signal, which provides spectra with a resolution of up to 2 kHz / pixel.

The spectrum can be stretched to the full width of the desktop, which can be composed of multiple monitors.

The maximum spectrum width is 7650 pixels.

All functions of acquisition, recording and calibration of conventional RF spectra with a step of 1 MHz in a frequency

band up to 2500 MHz are preserved and improved.

Simultaneous operation (switching between modes) of HR and RF spectra is possible with display on one plate in the same scale.

All service functions of the program have been improved:

- obtaining a dynamic spectrum in real time;
- obtaining a radiation pattern and measuring antenna parameters;
- precise automatic tuning to the satellite according to its signal.

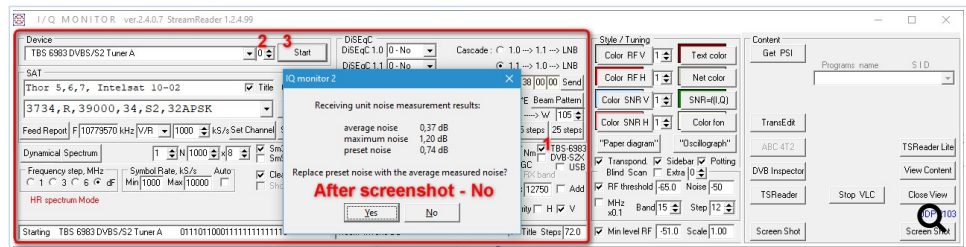
An experimental function of automatic determination of the real noise factor of the receiving installation

(from the antenna and LNB to the ADC output of the used PCI card) has been introduced.

This function works if you check the TBS-6983 checkbox, select ANY number from the available cards and press the Start button.

After about a minute of measurements and processing of their results, an information window will appear.

Take a screenshot of it, which you then publish in the IQmonitor theme, and refuse to change the value of the installation noise or agree - at your discretion.



The last program in the series IQmonitor 2.

Next, it is planned to release IQmonitor_Lite with a simplified interface and limited functionality for those who continue to use the basic CrazyScan program and do not want to think about improving the spectra, depth and accuracy of blind search for DVB-S2 signals, fine tuning and improving their receiving installation.

IQmonitor_Lite will continue to be superior to CrazyScan and will also be distributed without restrictions.

For those who will publish the results of IQmonitor 2.4.0.7 here, on the forum, the IQmonitor_Pro program will be available.

Files



IQmonitor_2407.zip

(1.48 MB, downloaded 470 times, last: Yesterday, 5:52 pm)

Yuri Filatov (*strannik*)
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Dec 30th 2020



strannik

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Reactions Received:

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I am publishing the first release of **IQmonitor Lite**

About IQmonitor Lite

Download the files and rename them:

IQmonitorLite.part1.ZIP ---> IQmonitorLite.part1.exe

IQmonitorLite.part2.ZIP ---> IQmonitorLite.part2.rar

Place the renamed archives in the folder where you have IQmonitor 2407 or any other.

Run IQmonitorLite.part1.exe - you will have unpacked the updated ini database of all satellites, the latest (100) version of StreamReader and IQmonitorLite.exe.

Start it. In the first case, all your IQmonitor settings will be automatically saved in IQmonitor_Lite.INI, in the second case (new folder) you will need to MUST enter your coordinates with an accuracy of 1-3 decimal places in degrees, the diameter of your antenna aperture in meters and LNB type.

Also, you will need to register the paths to the parsers and the viewer in the INI file.

Good luck at work and good health

PS Do not forget to thank Santa Claus for the New Year's gift 🎅

Files



IQmonitorLite.part1.ZIP

(1.9 MB, downloaded 344 times, last: May 6th 2022)



IQmonitorLite.part2.ZIP

(225.77 kB, downloaded 271 times, last: May 6th 2022)



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Jul 4th 2021

IQmonitor Pro interface

Capitan_Uncino has translated the instruction into Italian. For which respect to him. I attach an archive with the Italian version of the instruction *Interface_IQmonitor_Pro_it.zip* 10.07.2021

Files



Interface_IQmonitor_Pro_de.zip

(1.61 MB, downloaded 229 times, last: Saturday, 7:19 pm)



Interface_IQmonitor_Pro_en.zip

(1.6 MB, downloaded 290 times, last: May 5th 2022)



Interface_IQmonitor_Pro_ru.zip

(1.6 MB, downloaded 130 times, last: Yesterday, 4:33 pm)



Interface_IQmonitor_Pro_it.zip

(1.64 MB, downloaded 105 times, last: May 3rd 2022)



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Jul 6th 2021

IQmonitor Pro instalation

To install the IQmonitor Pro program, you need to unpack the *IQmonitor_Pro.zip* archive and get the IQmonitor_Pro base directory, which contains the base of the program database, StreamReader and other files necessary for the program to work

You need to edit the file in a text editor IQmonitor_Pro.ini, in which to enter your data:

1. In the [USALS] section, set your coordinates with an accuracy of 1-3 digits after the decimal point (.);

Latitude = 50.62

Longitude = 30.51

the diameter of your antenna (or the size of the minor axis of the ellipse) and the type of LNB, as well as the antenna aperture in centimeters;

Antenna = 1.05m Inverto Black Ultra

Apertura = 105

if your antenna is mounted on a moto suspension, indicate the number motor steps to rotate it by 1°;

Steps / degree = 64

2. In the [PARSER] section it is necessary to register the paths to exe-files stream analyzers and viewers using the following example:

TSRLite = D: \ TSReaderLite \ TSReaderLite.exe

TSR = C: / Program Files (x86) /COOL.STF/TSReader/TSReader.exe

TrEdit = C: \ TransEdit \ TransEdit.exe

4T2ContentAnalyser = D: \ Program Files (x86) \ Abc \ 4T2 Content Analyzer \ ABC4T2ContentAnalyser.exe

MPC-BE = C: / MPC-BE x64 / mpc-be64.exe

VLC = C: / Program Files (x86) /VideoLAN/Vlc/Vlc.exe

3. Programs TSReaderLite and ABC4T2ContentAnalyser need to be configured to read the transport stream file

...\ IQmonitor_Pro \ TS.ts, and the rest - to listen on port 2103 via UDP protocol

4. In the [CALIBRATION] section, you can set the noise factor of your receiving setting in dB or leave the same as the author's:

LNB_NF = 0.74

After making the changes, save the IQmonitor_Pro.ini file

Then unpack the archive *IQmonitor_Pro_xxxx.zip* (where xxxx is the number version of the program) and copy IQmonitor_Pro.exe to the IQmonitor_Pro folder

This completes the installation of the program, you can run it and enjoy the wide possibilities that will open before you

Having mastered this or that function of the program, share your results in the topic <https://www.satellitescommunity.de/forum/>

ATTENTION ! Publication of your materials on the forum www.satellitescommunity.de is a REQUIRED condition for obtaining a personalized key to the IQmonitor_Pro program

When you decide that you have mastered all the basic functions of the program and confirmed these are your publications on the forum, you lead the best in the topic (according to your

opinion) the result of using the IQmonitor_Pro program and submit an application to receive a personalized key to the program, which opens Advanced functions
When the moderator decides that you have sufficient command of the program, the file IQmonitor_Pro.key will be sent to you through the system of private messages, which you just need to put it in the IQmonitor_Pro folder.

Good luck! Respectfully yours, Yuri Filatov

Files



IQmonitor_Pro.zip

(1.96 MB, downloaded 300 times, last: Yesterday, 4:33 pm)



IQmonitor_Pro_1000.zip

(1.56 MB, downloaded 264 times, last: Yesterday, 4:33 pm)



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Edited once, last by strannik (Jul 6th 2021).



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Reactions Received:

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Aug 30th 2021

IQmonitor Pro 1.0.1.1

1. Unpack the archive IQmonitor_Pro.zip, which contains StreamReader 1.2.4.109
2. Unpack the archive IQmonitor_Pro_1011.zip and copy IQmonitor_Pro.exe to the IQmonitor_Pro folder
3. You need to edit the file IQmonitor_Pro.ini in a text editor as described in files **Readme_en.txt** and **Readme_ru.txt**

This completes the installation of the program, you can run it and enjoy the wide possibilities that will open before you

IQmonitor Pro 1.0.1.0 - start (<https://filatov-yuri.livejournal.com/2021/08/11/>)

IQmonitor Pro - resize (<https://filatov-yuri.livejournal.com/2021/08/25/>)

Files



IQmonitor_Pro.zip

(1.99 MB, downloaded 299 times, last: Yesterday, 11:36 am)



Readme_en.txt

(3.37 kB, downloaded 160 times, last: Yesterday, 11:36 am)



Readme_ru.txt

(3.22 kB, downloaded 107 times, last: Yesterday, 11:35 am)



IQmonitor_Pro_1011.zip

(1.57 MB, downloaded 219 times, last: Yesterday, 11:36 am)



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Edited 2 times, last by strannik (Sep 1st 2021).



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Reactions Received:

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Sep 15th 2021

IQmonitor Pro 1.0.1.2

1. Unpack the archive IQmonitor_Pro_1012.zip and copy IQmonitor_Pro.exe to the IQmonitor_Pro folder
2. Enter your personal settings into the IQmonitor_Pro.ini file from the archive and replace the IQmonitor_Pro.ini file with it in the IQmonitor_Pro directory

IQmonitor Pro 1.0.1.2 - Ultra-fast blind scan (<https://filatov-yuri.livejournal.com/2021/09/11/>)

Files



IQmonitor_Pro_1012.zip

(1.57 MB, downloaded 161 times, last: Yesterday, 11:37 am)



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Sep 18th 2021

IQmonitor Pro 1.0.1.3

Unpack the archive IQmonitor_Pro_1013.zip and copy IQmonitor_Pro.exe to the IQmonitor_Pro folder

Files



IQmonitor_Pro_1013.zip

(1.57 MB, downloaded 406 times, last: 10 hours ago)



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