

Programme

**A-Tech 2019 Printemps
2019-04-27**

HB9DUG Michel

TSReader

Logiciel analyseur de Transport Stream (TS) MPEG-2
(www.tsreader.com)

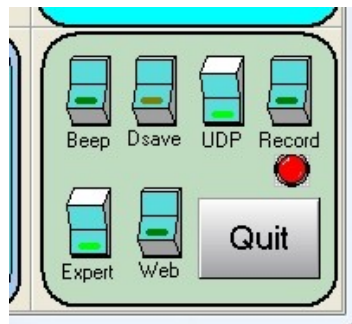
- Fonctionne avec de nombreuses cartes DVB-S/S2
- avec une source UDP ⇒ donc utilisable avec Minitiouner !

```
-----  
; adresse UDP / UDP address  
[UDP]  
-----  
; adresse UDP pour transférer le TS  
; UDP address for TS transfer  
-----  
; UDP address for TS  
TS_AddrUDP=230.0.0.1  
; you can try a virtual address if you have no Ethernet or Wifi connexion  
;TS_AddrUDP=127.0.0.1  
TS_Port=1234
```

MiniTioune :

Configurer l'adresse UDP dans le fichier :
MinitiouneConfig.ini

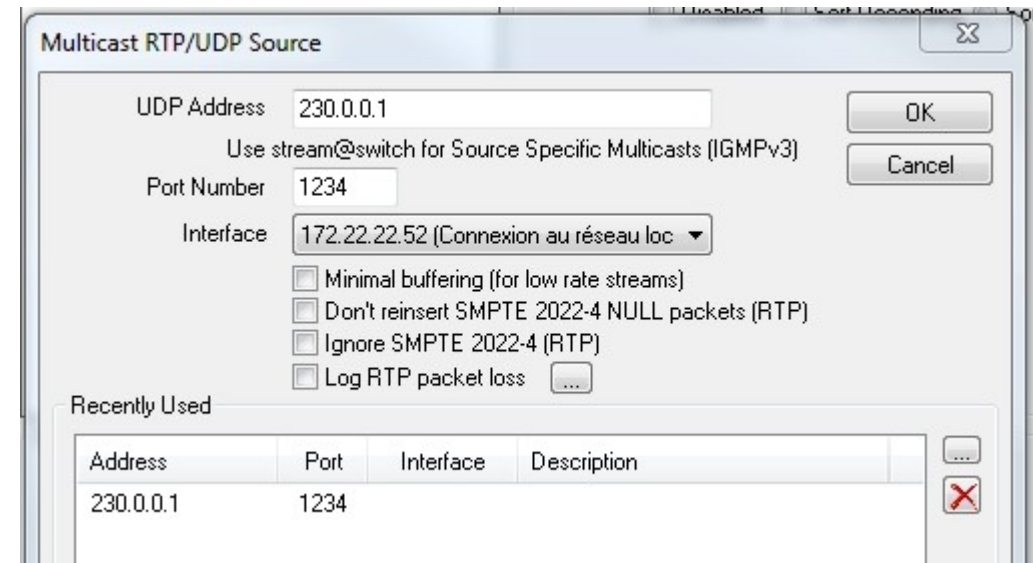
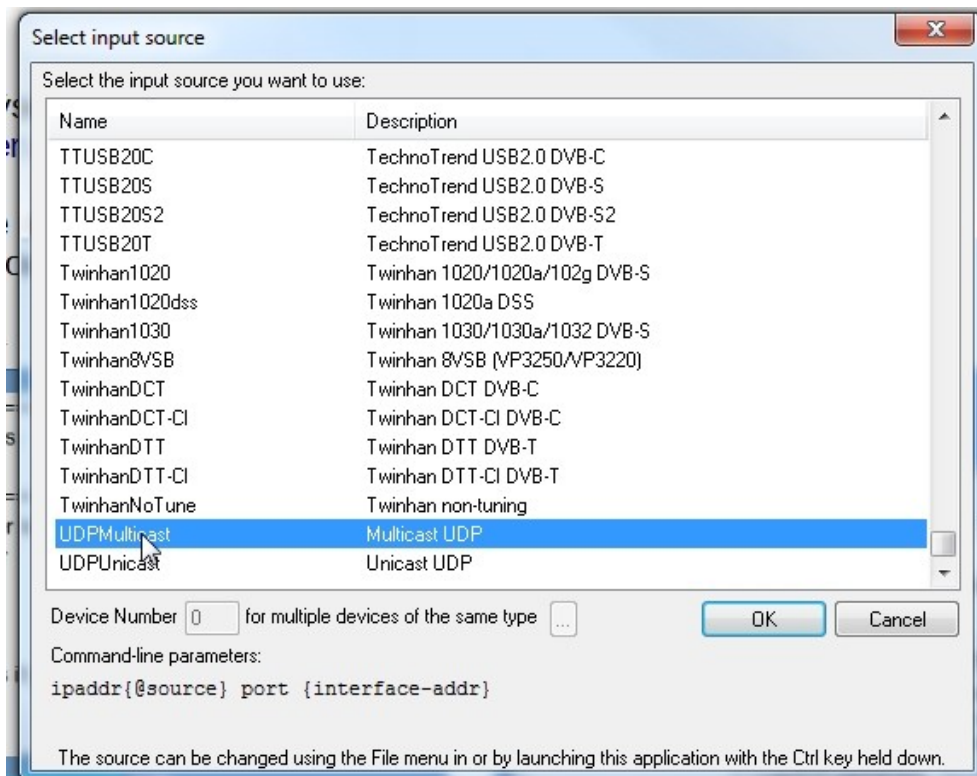
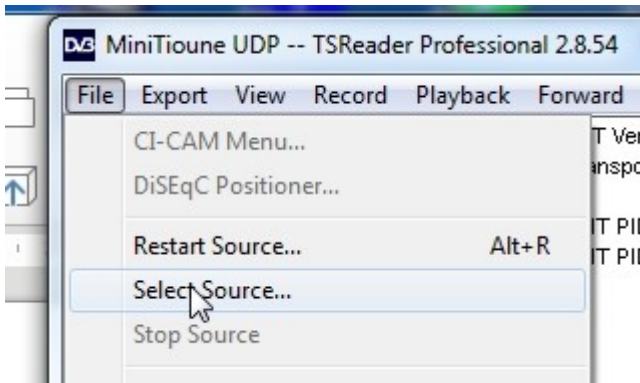
Pour démarrer le streaming du TS,
Cliquer sur le bouton UDP



TSReader :

Sélectionner la source :
 UDPMulticast

Entrer l'adresse UDP et le numéro de port
 configuré dans MiniTioune :
 230.0.0.1 et 1234



MiniToune UDP -- TSReader Professional 2.8.54

File Export View Record Playback Forward Plugins Settings Help

PAT PID 0

- [-] **PMT PID 16 - Network**
- [-] **PMT PID 256 - Progr. 1**
 - [SD] SDT: A71A
 - [ES] ES PID 257
 - [ES] ES PID 258
 - [PCR] PCR PID 259
- [-] **NIT PID 16 <1>**
 - [NID] NID: 65535 - <network name>
- [-] **SDT PID 17 <1>**
 - [SD] 1 A71A

PAT Version Number: 0
Transport Stream ID: 43690 (0xaaaa)

PMT PID 16 (0x0010) - Network
PMT PID 256 (0x0100) - Program 1 A71A

Active PIDs Disabled Sort Decending Sort by Rate Sort by PID

- 0 (0.39% ~ 10.03 Kbps)
- 16 (0.39% ~ 10.07 Kbps)
- 17 (0.39% ~ 10.07 Kbps)
- 256 (0.39% ~ 10.03 Kbps)
- 257 (85.88% ~ 2.22 Mbps)
- 258 (4.85% ~ 125.35 Kbps)
- 259 (1.94% ~ 50.18 Kbps)
- 8191 (5.77% ~ 148.93 Kbps)

Video Decode

General Information

Source: Multicast UDP
Tuner: 230.0.0.1:1234
Signal: n/a
Source IP: 172.22.22.52:63410
Null BER: 0.000000E+000

Profile: MiniToune UDP
Network Type: DVB
Run Time: 000:00:35

MPEG-2 Statistics

	PAT	PMT	CAT	NIT	SDT	EIT
Sections	225	223	0	226	227	0
CRC Errors	0	0	0	0	0	0
Continuity Errors:	0			Mux. bitrate:	2,582,164 bps	
TEI Errors:	0			Last sec.:	2.094 Mbit	
Sync losses:	0			In buffer:		
				Out buffer:		



- PAT PID 0
 - PMT PID 16 - Network
 - PMT PID 400 - Progr. 4000
 - SDT: HB9TV-1 437MHz
 - + ES PID 110
 - + ES PID 120
 - PCR PID 110
 - PMT PID 194 - Progr. 4500
 - SDT: HB9TV-1 1280MHz
 - + ES PID 33
 - + ES PID 49
 - PCR PID 33
 - PMT PID 1524 - Progr. 5000
 - SDT: HB9TV-3 DIGITAL
 - + ES PID 1057
 - + ES PID 1073
 - PCR PID 1057
 - PMT PID 600 - Progr. 6000
 - SDT: Mire HB9TV-2
 - + ES PID 610
 - + ES PID 620
 - PCR PID 610
- NIT PID 16 <1>
 - 000.0W 12.980 H - RESEAU HB9TV
- SDT PID 17 <4>
 - SDT: 4000 HB9TV-1 437MHz
 - SDT: 4500 HB9TV-1 1280MHz
 - SDT: 5000 HB9TV-3 DIGITAL
 - SDT: 6000 Mire HB9TV-2

PAT Version Number: 0
 Transport Stream ID: 2000 (0x07d0)
 NIT: 0.0W 12.980 GHz Horizontal 12000 7/8 QPSK, DVB-S

PMT PID 16 (0x0010) - Network
 PMT PID 400 (0x0190) - Program 4000 HB9TV-1 437MHz
 PMT PID 194 (0x00c2) - Program 4500 HB9TV-1 1280MHz
 PMT PID 1524 (0x05f4) - Program 5000 HB9TV-3 DIGITAL
 PMT PID 600 (0x0258) - Program 6000 Mire HB9TV-2

Active PIDs Disabled Sort Decending Sort by Rate Sort by PID

0	(0.01% ~ 1.51 Kbps)
16	(0.01% ~ 1.51 Kbps)
17	(0.01% ~ 1.51 Kbps)
18	(0.14% ~ 26.24 Kbps) *862
100	(0.01% ~ 1.49 Kbps)
194	(0.01% ~ 1.51 Kbps)
200	(0.01% ~ 1.49 Kbps)
300	(0.01% ~ 1.49 Kbps)
310	(4.47% ~ 865.19 Kbps)
330	(1.07% ~ 207.24 Kbps)
400	(0.01% ~ 1.51 Kbps)
600	(0.01% ~ 1.51 Kbps)
610	(5.76% ~ 1.11 Mbps)
620	(1.07% ~ 207.41 Kbps)
1042	(0.09% ~ 17.08 Kbps)
1057	(13.23% ~ 2.56 Mbps)
1073	(1.04% ~ 201.65 Kbps)
1124	(0.01% ~ 1.49 Kbps)
1224	(0.01% ~ 1.49 Kbps)
1225	(4.09% ~ 792.34 Kbps)
1324	(1.06% ~ 205.29 Kbps)
1524	(0.01% ~ 1.51 Kbps)
8191	(67.89% ~ 13.14 Mbps)

Video Decode

5000 - HB9TV-3 DIGITAL mpeg

1057

5000 - HB9TV-3 DIGITAL mpeg

1073 L

R



ATV News (@swissATV) on Twitter (<https://twitter.com/swissatv>)

La plate-forme des passionnés de l'ATV

www.swissatv.ch



Tweets **12** Followers **50** Lists **0** Moments **0**

Edit profile

ATV News

@swissATV

Groupe technique ATV de l'IAPC

Switzerland

home.swissatv.ch

Joined January 2019

12 Photos and videos

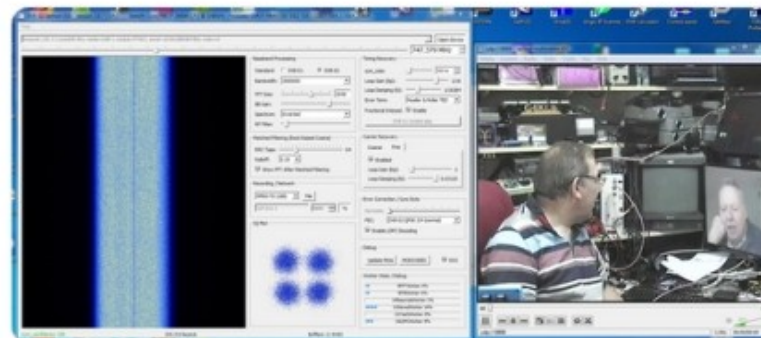


Tweets Tweets & replies Media



ATV News @swissATV · Apr 22

Today on QO-100, ATV QSO between G4KLB and G4GUO received in HB using DVB-S2 Demod GUI. Thanks Marcel !



4 10



ATV News @swissATV · Apr 21

ConfigSender permet la commande à distance par UDP de MiniTioune (v0.9).
Merci à F6DZP pour cette nouvelle fonction. Le programme se trouve ici :
vivadatv.org/download/file...

Geneva trends · Change

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Israel

130K Tweets

#foodsafety

Paris

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#WorldBookDay

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#aargau

#AvengersEndgame

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Brexit

180K Tweets

Japan

443K Tweets

America

647K Tweets