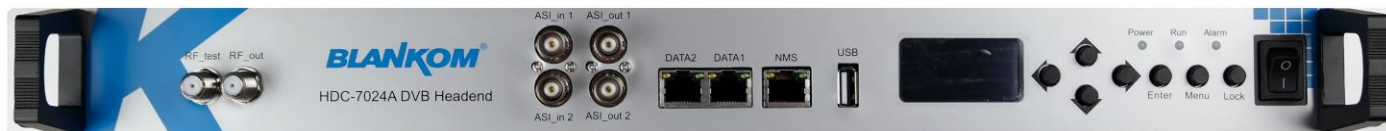


16 or 24 SAT & IP/ASI to 16 DVB-C QAM Trans-Modulator



- **New Version 2026:** 24 DVB-S2x FTA Tuner, 2 GigE Ports, 2 ASI In, 1 RF out
- Up to 128 channels TS over UDP/RTP multicast, IGMP v2\v3 Inputs on GbE1
- 16 non-adjacent QAM carriers output, compliant to DVB-C (EN 300 429) Annex C and ITU-T J.83 B
- 16 multiplexed / scrambled TS over IP UDP or RTP/RTSP outputs to GbE2
- Accurate PCR adjusting, PSI/SI editing and inserting
- CA PID filtering, remapping and PSI/SI editing
- Up to 180 PIDS remapping per channel
- Support DVB Conditional Access encryption System (ETR289), simulcrypt standards ETSI 101 197 and ETSI 103 197
- Info-Channel inserting: TS player via USB (FAT 32)
- Web-based Network management

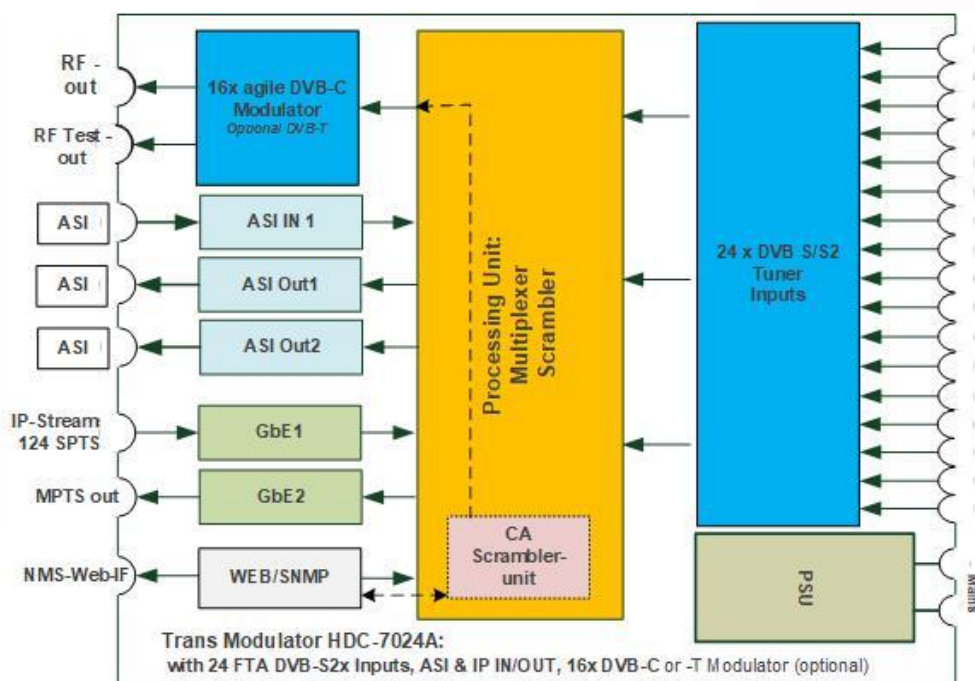
BLANKOM HDC-7024A is a 6th generation SAT, ASI & IP to DVB-C QAM CATV modulator with multiplexer and scrambler.

The IPTV input channel Streams serves multicast SPTS or MPTS.

The internal multiplexer creates 16 RF + Streams with any combination of content.

The output consists of 16 DVB-C carriers within 192 MHz bandwidth, each with up to 256QAM modulation. Each of the 16 output multiplexes are also provided as MPTS IPTV streams, UDP/RTP/RTSP, unicast or multicast at the corresponding data port.

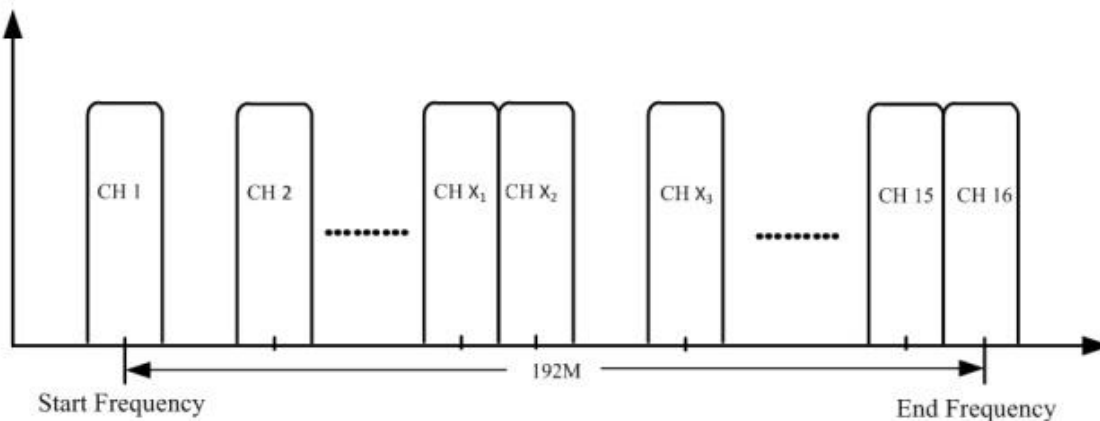
BLANKOM HDC-7024A receives 24x FTA SAT Transponders & Multiplex and Modulates into 16 QAM (DVB-C) carriers within 192 MHz bandwidth, in broadcast quality.



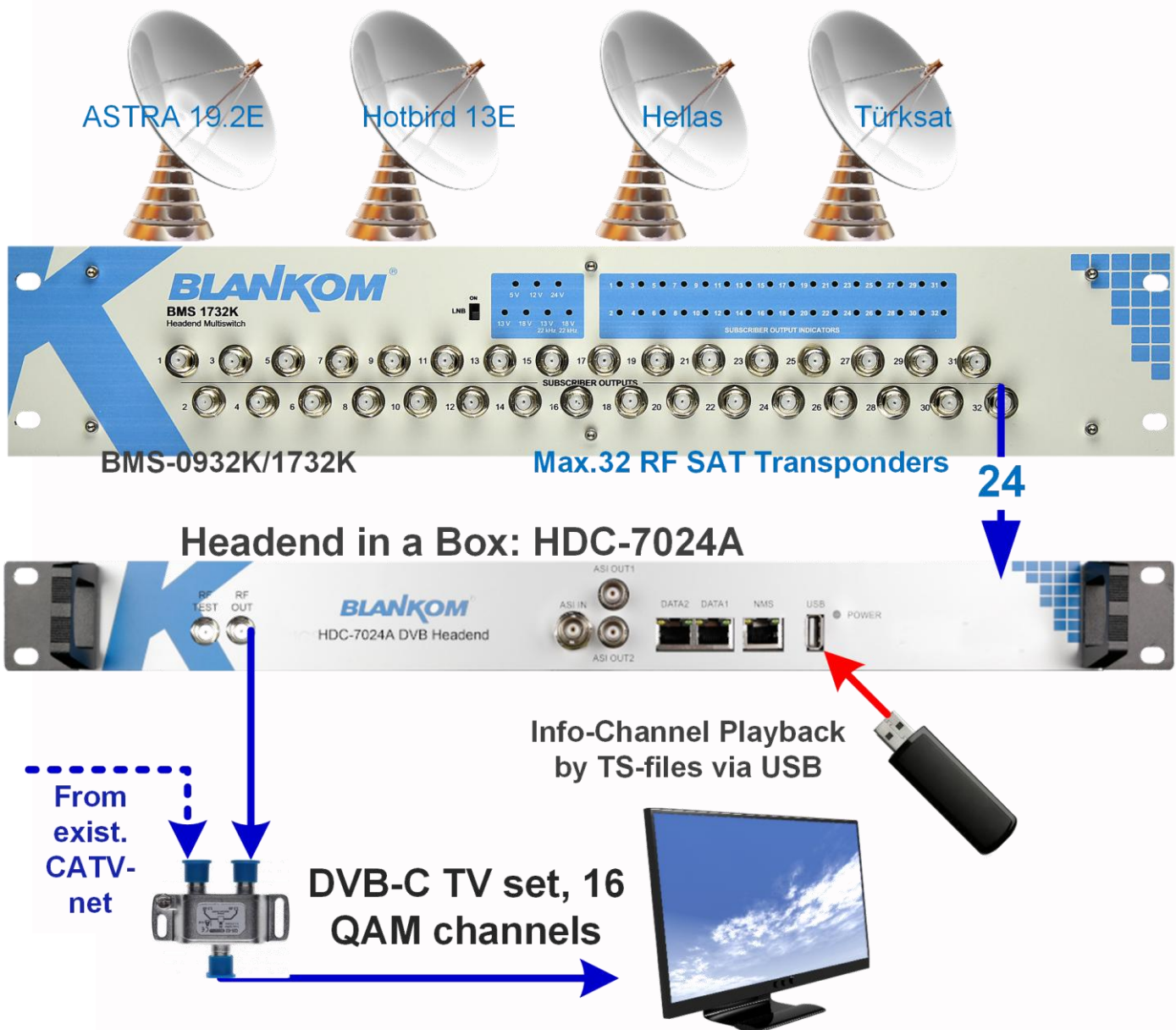
Technical specifications:

Function	24channel DVB-C Headend with Satellite, IPTV and ASI input
INPUT	24 DVB-S/S2 FTA Tuner
	124 IPTV channels over UDP and RTP protocol
	2 ASI input, BNC interface, USB2.0 for Info-Channel Playback (TS/Mp4 files)
OUTPUT	16 DVB-C groups which can be multiplexed from any combination of input channels 2x ASI out for monitoring or passing a muxed TS as copy of a DVB-C channel
Tuner section	24 DVB-S/S2 tuners with input frequency range: 950-2150 MHz
	Symbol rate: 2-45 MSps (supports SCPC and MCPC)
	Signal strength: -65...-25dBm
	QPSK, 8PSK; supporting DiSEqC 1.0 LNB control for up to 8 satellites
Multiplexing	16 multiplexers, Maximum PID remapping: 128 per input channel
	PID remapping (automatically or manually), Accurate PCR adjusting, Generate PSI/SI table automatically
Scrambling	Max simulcrypt CA: 4
	Scramble Standard: ETR289, ETSI 101 197, ETSI 103 197
	Local/remote connection
Modulation	16 DVB-C (Annex A/C) (QAM) channels, Standard EN300 429/ITU-T J.83B (opt. DVB-T)
	RF frequency 50...960 MHz, 1 kHz step
	RF output level 87...107 dBμV, 0.1 dB step
	Constellation 16/32/64/128/256QAM
	MPTS / SPTS over UDP, 10/100/1000 Base-T Ethernet interface (UDP unicast / multicast)
SYSTEM Control	Remote management Web NMS (10M/100Mb/s)
GENERAL	Front LCD (IP and basic settings)
Dimensions	482mm×300mm×44.5mm, 19" 1U, 3.7 kg
Power	AC 110V±10%,50/60Hz or AC 220V±10%, 50/60Hz, 25 W,
Temperature	0...45°C (operation), -20...80°C (storage)

Flexible & Agile Channel-Line-Up:



Application Example



Complementary Products:

HDC-5004 IP 2 QAM 4ch
IGS-900: 16 SAT-Transponder to IP
IGS-700: 4 SAT/T/C decrypt to IP
Luminato advance HE-Platform
Encoder - Streamer Family:
EMU's, HDE's, SDE's ...

WWW.BLANKOM.DE

Contact@BLANKOM.DE

Quickstart

NMS connecting: Fast Ethernet (or auto mdi/mdix)

Traditional version: **HTTP://192.168.0.136** -> admin/admin

New HTTPS-Versions: use https please and admin/new password = **m89xC2F7** with Captcha:

Users Login

STATUS:

System Information	
Software Version:	02.00.71 Build 160.00 Jun 15 2026
Hardware Version:	02.75.01
Web Version:	1.06
System Version:	2.23.00.04
Product ID:	03394c00-00000010-00000000-00000000
Uptime:	0 Day-00:04:42
Temperature:	60.29 Degree Celsius
VccInt:	965.33 mV
VccAux:	1832.52 mV
VccBRam:	966.06 mV

The Cloud Platform chapter – if shown in the menu- is a proprietary system for cloud access. Please ignore.

Front-keypad and LCD:



Gives you information... like its IP address of the NMS port. Press LOCK first – maybe a second... to unlock the Menu, use arrows and enter to change, Menu to go back.

Make sure, your IP addresses are set correctly and do not give the DATA-ports the same subnet like the NMS – also use different network switches or VLANs to separate them from each other (flooding NMS...)

HDC-7024A

welcome to use Web Man

2026-01



Summary

► Status

Parameters

► Tuner

► TS Config

► Scrambler

► Modulator

► Output

► USB Media

System

► **Network**

► Cloud Platform

► Password

► Configuration

► Firmware

► Date | Time

► Log

► Reboot

Network

NMS

IP Address: 192.168.0.136

Subnet Mask: 255.255.255.0

Gateway: 192.168.0.1

Web Manage Port: 80

MAC Address: 26:71:62:6a:02:39

DNS Address: 8.8.8.8

Apply

Scrambler

IP Address: 192.168.3.136

Subnet Mask: 255.255.255.0

Gateway: 192.168.0.1

Apply

DATA1

IP Address: 192.168.2.136

Subnet Mask: 255.255.255.0

Gateway: 192.168.2.1

MAC Address: 26:81:62:6a:02:39 ☐

Apply

DATA2

IP Address: 192.168.2.137

Subnet Mask: 255.255.255.0

Gateway: 192.168.2.2

MAC Address: 26:93:62:6a:02:39 ☐

Apply

Change your DNS according to your local values.

Save your configuration:

HDC-7024A

ent

2026-08-



Summary

► Status

Parameters

- Tuner
- TS Config
- Scrambler
- Modulator
- Output
- USB Media

System

- Network
- Cloud Platform
- Password
- **Configuration**
- Firmware
- Date | Time
- Log
- Reboot

Configuration

Save Restore Factory Set Backup Load

When you change the parameter, you should save configuration, otherwise the new configuration will be lost after reboot.

Save config

First it's a good idea to **Setup your Modulator** to best quality and data rate capacities:

HDC-7024A

Management



Summary

► Status

Parameters

- Tuner
- TS Config
- Scrambler
- **Modulator**
- Output
- USB Media

System

- Network
- Cloud Platform
- Password
- Configuration
- Firmware
- Date | Time
- Log
- Reboot

Modulator

Center Frequency: 710.000 MHz

Standard: J.83A(DVB-C)

Level(All Carriers): 0.0 dBm

Channel Info.(Alarm/Active/Total): 0/16/16

#	Frequency	Constellation	Symbol Rate	Gain offset	Status	Bit(Act/Max)	
1	650.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
2	658.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
3	666.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
4	674.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
5	682.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
6	690.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
7	698.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
8	706.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
9	714.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
10	722.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
11	730.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
12	738.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
13	746.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
14	754.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
15	762.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎
16	770.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	✎

For all:

Modulator

Center Frequency: 710.000 MHz Standard: J.83A(DVB-C)
Level(All Carriers): 0.0 dBm Channel Info.(Alarm/Active/Total): 0/16/16

#	Status	Bit(Act/Max)
1	●	0.0/50.7 M
2	●	0.0/50.7 M
3	●	0.0/50.7 M
4	●	0.0/50.7 M
5	●	0.0/50.7 M
6	●	0.0/50.7 M
7	●	0.0/50.7 M
8	●	0.0/50.7 M
9	●	0.0/50.7 M
10	●	0.0/50.7 M

Quickly Config. [close]

Standard: J.83A(DVB-C) ▼

Level(All Carriers): 0.0 (-20 ~ +3 dBm)

Channel Enable: ☒

Start Frequency: 650.000 (50 ~ 960 MHz)

Bandwidth: 8.000 MHz

Constellation: 256 QAM ▼

Symbol Rate: 6875 (3600 ~ 6952 Ksps)

Apply
Close

J.83A (DVB-C) is for Europe and the rest of the world except USA/Korea and some LATAMs. Please use J.83A with 256 QAM and SR 6875 / 8MHz bandwidth are usual values giving the flexibility into each DVB-C-QAM channel to insert a SAT transponder and maybe multiplex some other channels like selected Services from Tuner 17-24 or ASI IN or IP IN.

Set Tuner:

HDC-7024A

Summary

Parameters

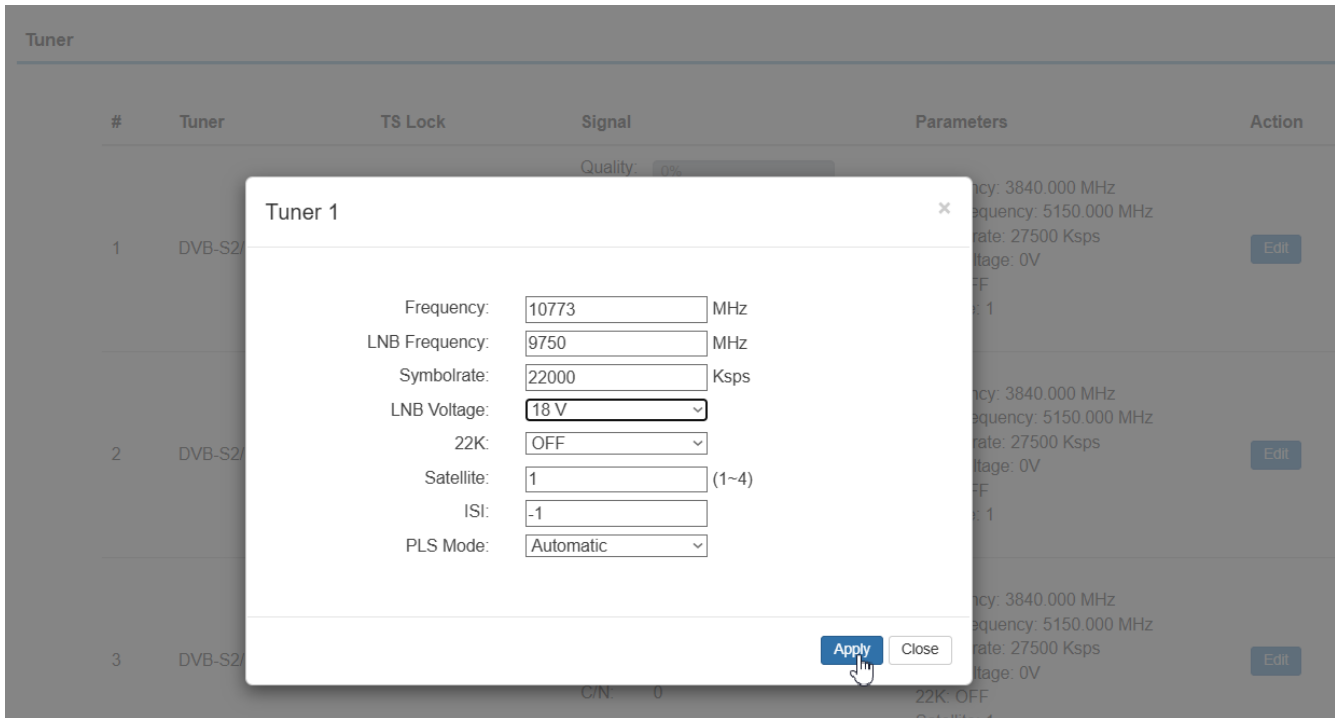
System

Tuner

#	Tuner	TS Lock	Signal	Parameters	Action
1	DVB-S2/S2X	0.000 Mbps	Quality: 0% Strength: 0% Power: -91.38 C/N: 0 BER: 1.0E-09	Frequency: 3840.000 MHz LNB Frequency: 5150.000 MHz Symbolrate: 27500 Ksps LNB Voltage: 0V 22K: OFF Satellite: 1	Edit
2	DVB-S2/S2X	0.000 Mbps	Quality: 0% Strength: 0% Power: -91.38 C/N: 0 BER: 1.0E-09	Frequency: 3840.000 MHz LNB Frequency: 5150.000 MHz Symbolrate: 27500 Ksps LNB Voltage: 0V 22K: OFF Satellite: 1	Edit

Factory Preset is to C-Band but mostly you'll need L-Band (Ku)...

So set LNB Oscillator- frequency (9750 MHz for low-band) 10600MHz for high-band, 13/18V for Vertical/horizontal and 22KHz if you address the High-band (starting from 11700 MHz Transponder frequency):

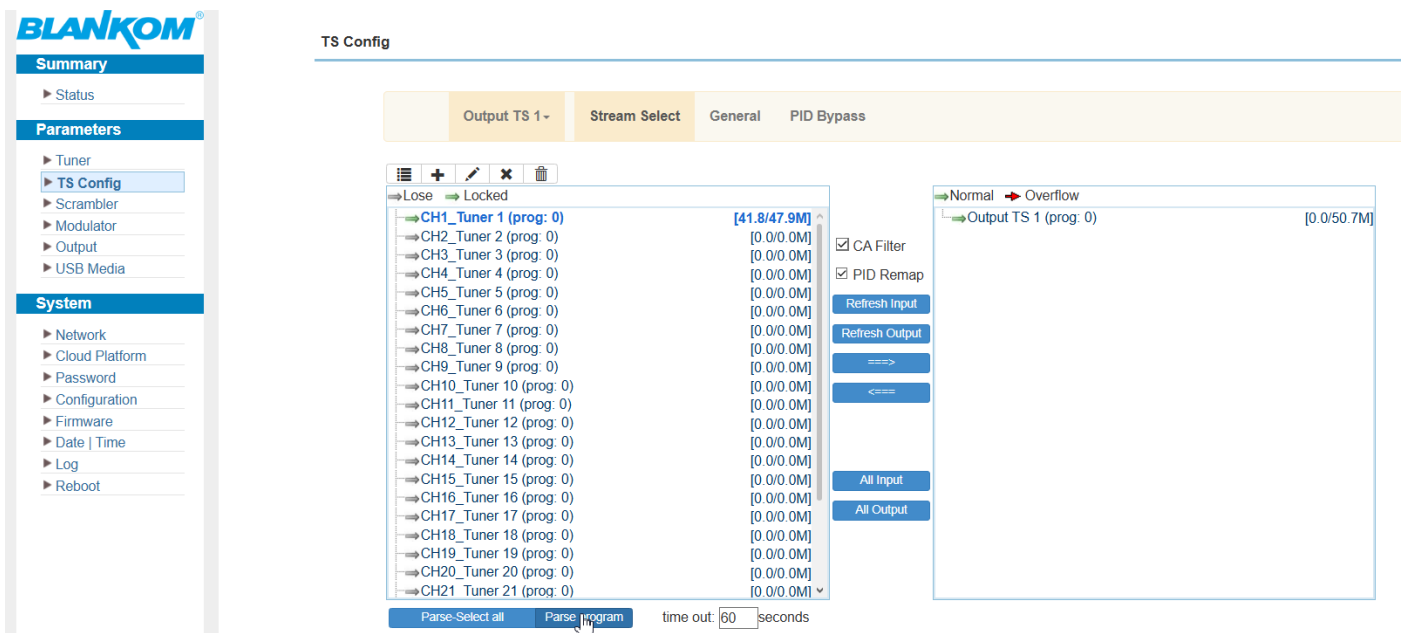


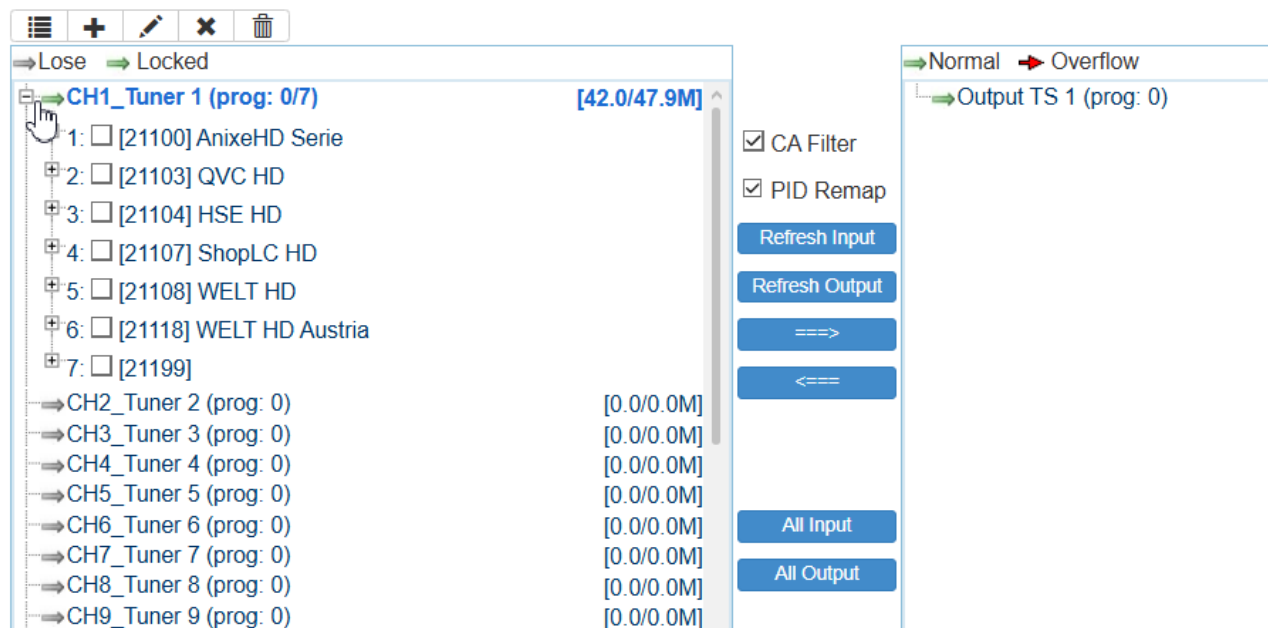
Satellite 1-4: DisEqC settings is for your Multiswitch which LNB to address. ISI and PLS are special Multistreaming values you mostly do not need to modify.

Tuner

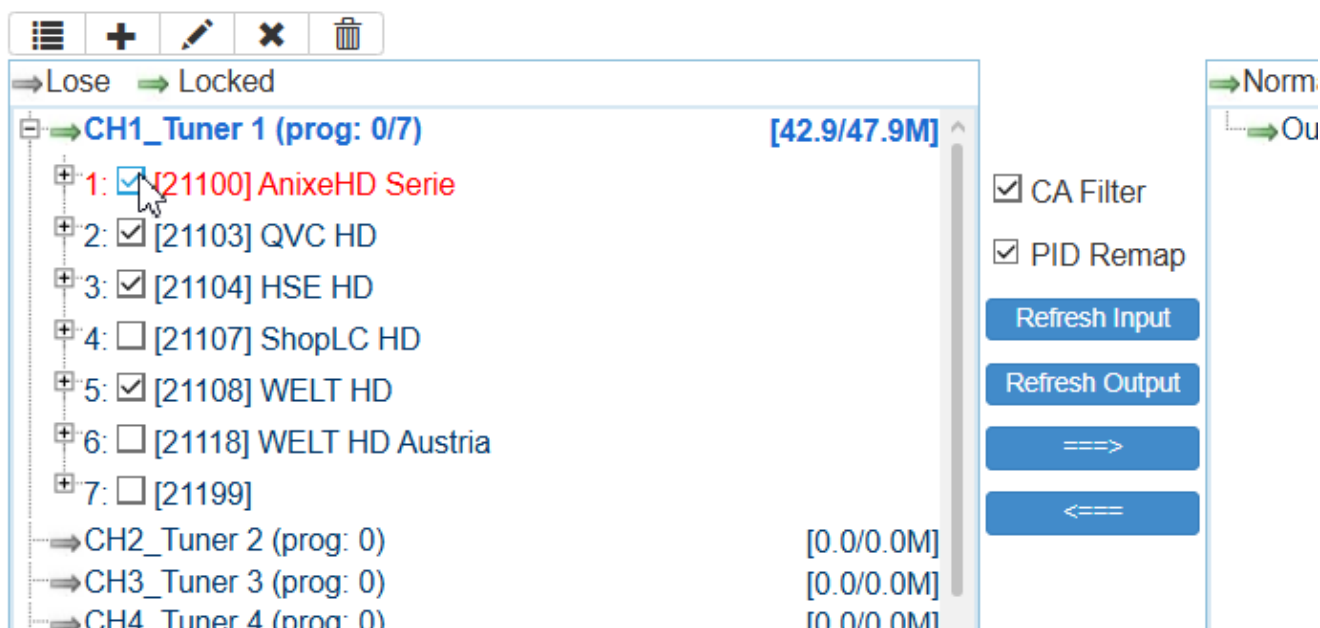
#	Tuner	TS Lock	Signal	Parameters	Action
1	DVB-S2/S2X	47.905 Mbps	Quality: 56% Strength: 64% Power: -35.29 C/N: 14 BER: 0.0E+00	Frequency: 10773.000 MHz LNB Frequency: 9750.000 MHz Symbolrate: 22000 Ksps LNB Voltage: 18V 22K: OFF Satellite: 1	Edit

Parse the content of every tuned transponder by selecting it first than press PARSE Programm or all:





Select the services to modulate (you can leave unnecessary unchecked...):



Deselect PID-remapping and use CA Filter only if you do not need to pass the PayTV encrypted programmes to the output QAM channel: Example: Anixe HD seems to be encrypted (CAS-....)

Output TS 1 ▾ **Stream Select** General PID Bypass

☰ + ✎ ✕ 🗑️

→ Lose → Locked

- CH1_Tuner 1 (prog: 4/7) [42.0/47.9M]
 - 1: ☒ [21100] AnixeHD Serie
 - 2: ☒ [21103] QVC HD
 - 3: ☒ [21104] HSE HD
 - 4: ☐ [21107] ShopLC HD
 - 5: ☒ [21108] WELT HD
 - 6: ☐ [21118] WELT HD Austria
 - 7: ☐ [21199]
- CH2_Tuner 2 (prog: 0) [0.0/0.0M]
- CH3_Tuner 3 (prog: 0) [0.0/0.0M]
- CH4_Tuner 4 (prog: 0) [0.0/0.0M]
- CH5_Tuner 5 (prog: 0) [0.0/0.0M]
- CH6_Tuner 6 (prog: 0) [0.0/0.0M]
- CH7_Tuner 7 (prog: 0) [0.0/0.0M]
- CH8_Tuner 8 (prog: 0) [0.0/0.0M]
- CH9_Tuner 9 (prog: 0) [0.0/0.0M]
- CH10_Tuner 10 (prog: 0) [0.0/0.0M]
- CH11_Tuner 11 (prog: 0) [0.0/0.0M]
- CH12_Tuner 12 (prog: 0) [0.0/0.0M]

☐ CA Filter
☐ PID Remap

Refresh Input

Refresh Output

====>

<=====

All Input

All Output

Parse-Select all Parse program

time out: 60 seconds

➡ Normal ➡ Overflow

➤ Output TS 1 (prog: 4) [34.3/50.7M]

- 1: ☐ AnixeHD Serie <=CH1_Tuner 1 [21100]
 - Program Number: 21100
 - Logic Channel Number: 1
 - Service Type: 0x19
 - Service Provider: BetaDigital
 - PMT PID: 0x0060
 - PCR PID: 0x00ff
 - CAS ID: 0x1830_EMM PID: 0x1003
 - CAS ID: 0x1843_EMM PID: 0x1005
 - CAS ID: 0x098c_EMM PID: 0x1008
 - CAS ID: 0x098d_EMM PID: 0x1008
 - CAS ID: 0x0648_EMM PID: 0x1016
 - CAS ID: 0x1860_EMM PID: 0x1007
 - CAS ID: 0x0650_EMM PID: 0x1019
 - CAS ID: 0x186a_EMM PID: 0x1013
 - CAS ID: 0x06e2_EMM PID: 0x1033
 - CAS ID: 0x09f0_EMM PID: 0x1008
- ⊞ Elements
- 2: ☐ QVC HD <=CH1_Tuner 1 [21103]

So if you do not need AnixeHD to pass to the output, select CA-Filter please.

Next tuner:

Tuner

#	Tuner	TS Lock	Signal	Parameters	Action
1	DVB-S2/S2X	47.907 Mbps	Quality: 56% Strength: 64% Power: -35.29 C/N: 14 BER: 0.0E+00	Frequency: 10773.000 MHz LNB Frequency: 9750.000 MHz Symbolrate: 22000 Ksps LNB Voltage: 18V 22K: OFF Satellite: 1	Edit
2	DVB-S2/S2X	42.586 Mbps	Quality: 53% Strength: 66% Power: -33.99 C/N: 13.25 BER: 0.0E+00	Frequency: 10891.000 MHz LNB Frequency: 9750.000 MHz Symbolrate: 22000 Ksps LNB Voltage: 18V 22K: OFF Satellite: 1	Edit

Select output TS2:

TS Config

Output TS 1 ▾ Stream Select General PID Bypass

Output TS 1
Output TS 2
Output TS 3
Output TS 4
Output TS 5
Output TS 6
Output TS 7
Output TS 8
Output TS 9
Output TS 10
Output TS 11
Output TS 12
Output TS 13
Output TS 14
Output TS 15
Output TS 16

Parse-Select all Parse program time out: 60 seconds

Or multiplex from tuner 2 into 1 whatever you like...

TS Config

Output TS 2 ▾ Stream Select General PID Bypass

Parse-Select all Parse program time out: 60 seconds

Output TS 2-

Stream Select

General

PID Bypass

☰

+

✎

✕

🗑

→ Lose

→ Locked

→ CH1_Tuner 1 (prog: 0/7)

→ CH2_Tuner 2 (prog: 26/26)

→ CH3_Tuner 3 (prog: 0)

→ CH4_Tuner 4 (prog: 0)

→ CH5_Tuner 5 (prog: 0)

→ CH6_Tuner 6 (prog: 0)

→ CH7_Tuner 7 (prog: 0)

→ CH8_Tuner 8 (prog: 0)

→ CH9_Tuner 9 (prog: 0)

→ CH10_Tuner 10 (prog: 0)

→ CH11_Tuner 11 (prog: 0)

→ CH12_Tuner 12 (prog: 0)

→ CH13_Tuner 13 (prog: 0)

→ CH14_Tuner 14 (prog: 0)

→ CH15_Tuner 15 (prog: 0)

→ CH16_Tuner 16 (prog: 0)

→ CH17_Tuner 17 (prog: 0)

→ CH18_Tuner 18 (prog: 0)

→ CH19_Tuner 19 (prog: 0)

→ CH20_Tuner 20 (prog: 0)

→ CH21_Tuner 21 (prog: 0)

[42.7/47.9M]

[41.6/42.6M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

[0.0/0.0M]

☐ CA Filter

☐ PID Remap

Refresh Input

Refresh Output

===>

<===

All Input

All Output

→ Normal

→ Overflow

→ Output TS 2 (prog: 26)

[39.4/50.7M]

1: ☐ rbb Brandenburg HD <=CH2_Tuner 2 [10350]

2: ☐ rbb Berlin HD <=CH2_Tuner 2 [10351]

3: ☐ MDR Sachsen HD <=CH2_Tuner 2 [10352]

4: ☐ MDR S-Anhalt HD <=CH2_Tuner 2 [10353]

5: ☐ MDR Thüringen HD <=CH2_Tuner 2 [10354]

6: ☐ hr-fernsehen HD <=CH2_Tuner 2 [10355]

7: ☐ hr1 <=CH2_Tuner 2 [10465]

8: ☐ hr2 <=CH2_Tuner 2 [10466]

9: ☐ hr3 <=CH2_Tuner 2 [10467]

10: ☐ hr4 <=CH2_Tuner 2 [10468]

11: ☐ DASDING vom hr <=CH2_Tuner 2 [10469]

12: ☐ hr INFO <=CH2_Tuner 2 [10470]

13: ☐ MDR SACHSEN DD <=CH2_Tuner 2 [10474]

14: ☐ MDR S-ANHALT MD <=CH2_Tuner 2 [10475]

15: ☐ MDR THÜR Mitte-W <=CH2_Tuner 2 [10476]

16: ☐ MDR KULTUR <=CH2_Tuner 2 [10477]

Parse-Select all

Parse program

time out: 60 seconds

Tuner 3...

TS Config

Output TS 3 ▾ **Stream Select** General PID Bypass

☰ + ✎ ✕ 🗑️

→ Lose → Locked

CH1_Tuner 1 (prog: 0/7)	[41.7/47.9M]
CH2_Tuner 2 (prog: 0/26)	[41.6/42.6M]
CH3_Tuner 3 (prog: 0)	[41.2/42.6M]
CH4_Tuner 4 (prog: 0)	[0.0/0.0M]
CH5_Tuner 5 (prog: 0)	[0.0/0.0M]
CH6_Tuner 6 (prog: 0)	[0.0/0.0M]
CH7_Tuner 7 (prog: 0)	[0.0/0.0M]
CH8_Tuner 8 (prog: 0)	[0.0/0.0M]
CH9_Tuner 9 (prog: 0)	[0.0/0.0M]
CH10_Tuner 10 (prog: 0)	[0.0/0.0M]
CH11_Tuner 11 (prog: 0)	[0.0/0.0M]
CH12_Tuner 12 (prog: 0)	[0.0/0.0M]
CH13_Tuner 13 (prog: 0)	[0.0/0.0M]
CH14_Tuner 14 (prog: 0)	[0.0/0.0M]
CH15_Tuner 15 (prog: 0)	[0.0/0.0M]
CH16_Tuner 16 (prog: 0)	[0.0/0.0M]
CH17_Tuner 17 (prog: 0)	[0.0/0.0M]
CH18_Tuner 18 (prog: 0)	[0.0/0.0M]
CH19_Tuner 19 (prog: 0)	[0.0/0.0M]
CH20_Tuner 20 (prog: 0)	[0.0/0.0M]
CH21_Tuner 21 (prog: 0)	[0.0/0.0M]

☒ CA Filter

☒ PID Remap

Refresh Input

Refresh Output

====>

<===

All Input

All Output

Parse-Select all Parse program time out: [60] seconds

If you simply want to pass the whole Transponder from SAT to QAM:

TS Config

Output TS 3 -	Stream Select	General	PID Bypass
Stream			
Output Mode:	Mux out	PAT Insert:	☒
PMT Insert:	Mux out	SDT Insert:	☒
BAT Insert:	CH1_Tuner 1	Share BAT:	Disable
CAT Insert:	CH2_Tuner 2	Fixed Table Version:	☐
TS ID:	CH3_Tuner 3	ON ID:	3
PCR Correct	CH4_Tuner 4	PCR Speed BW	3
PCR State BW	CH5_Tuner 5	PCR Compensate	0
Character Encoding:	CH6_Tuner 6	IGMP Interval:	5 (5s~120s)
NIT			
NIT Insert:	CH8_Tuner 8	Share NIT:	Disable
VCT			
VCT Insert:	CH9_Tuner 9	VCT Mode:	CVCT
Modulation Mode:	CH10_Tuner 10	Carrier Frequency:	500.000 (30-1000MHz)
TDT/TOT			
TDT/TOT Insert:	CH11_Tuner 11	TOT Descriptor Insert:	disable
	CH12_Tuner 12		
	CH13_Tuner 13		
	CH14_Tuner 14		
	CH15_Tuner 15		
	CH16_Tuner 16		
	CH17_Tuner 17		
	CH18_Tuner 18		
	CH19_Tuner 19		

[Apply](#)

Modulator

Center Frequency: 710.000 MHz

Standard: J.83A(DVB-C)

Level(All Carriers): 0.0 dBm

Channel Info.(Alarm/Active/Total): 0/16/16

#	Frequency	Constellation	Symbol Rate	Gain offset	Status	Bit(Act/Max)	
1	650.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	34.3/50.7 M	
2	658.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	39.4/50.7 M	
3	666.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	41.3/50.7 M	
4	674.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	
5	682.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	

Create the NIT:

After all your modulator settings has been done...

For TV set auto tuning. You should know what a NIT is good for ;-)...

BLANKOM[®]

Summary

► Status

Parameters

► Tuner

► **TS Config**

► Scrambler

► Modulator

► Output

► USB Media

System

► Network

► Cloud Platform

► Password

► Configuration

► Firmware

► Date | Time

► Log

► Reboot

TS Config

Output TS 1	Stream Select	General	PID Bypass
Stream			
Output Mode:	Mux out	PAT Insert:	☒
PMT Insert:	☒	SDT Insert:	☒
BAT Insert:	☒	Share BAT:	Disable
CAT Insert:	☒	Fixed Table Version:	☐
TS ID:	1	ON ID:	1
PCR Correct	☒	PCR Speed BW	3
PCR State BW	3	PCR Compensate	0
Character Encoding:	NORMAL	IGMP Interval:	5 (5s~120s)
NIT			
NIT Insert:	Not insert	Share NIT:	Disable
VCT			
VCT Insert:	Web insert	VCT Mode:	CVCT
Modulation Mode:	4	Carrier Frequency:	500.000 (30-1000MHz)
TDT/TOT			
TDT/TOT Insert:	☐	TOT Descriptor Insert:	disable
Apply			

Output Mode: Mux out

PAT Insert: ☒

PMT Insert: ☒

SDT Insert: ☒

Share BAT: Disable

Fixed Table Version: ☐

ON ID: 1

PCR Speed BW: 3

PCR Compensate: 0

IGMP Interval: 5 (5s~120s)

NIT Insert: Not insert

Share NIT: Disable

VCT Mode: CVCT

Carrier Frequency: 500.000 (30-1000MHz)

TDT/TOT Insert: ☐

TOT Descriptor Insert: disable

Apply

NIT Descriptor

[close]

TS ID: 1

ON ID: 1

Frequency: 450.000 MHz

Constellation: 16 QAM

Symbol Rate: 6875 Ksps

FEC Inner: 1/2 conv.

FEC Outer: not outer FEC

Add

Close

Index

TS ID

ON ID

Frequency

Constellation

Symbol Rate

+

Enter your first QAM channel values according to your output values:

Modulator

Center Frequency: 710.000 MHz

Standard: J.83A(DVB-C)

Level(All Carriers): 0.0 dBm

Channel Info.(Alarm/Active/Total): 0/16/16

#	Frequency	Constellation	Symbol Rate	Gain offset	Status	Bit(Act/Max)	
1	650.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	34.2/50.7 M	
2	658.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	39.4/50.7 M	
3	666.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	41.2/50.7 M	
4	674.000 MHz	256 QAM	6875 Ksps	0.0 dB	●	0.0/50.7 M	

so, after APPLY:

NIT

NIT Insert: Web insert

Share NIT: Disable

Private Data: ☒ 0x00000000

Network ID: 1

Network Name: network-1

Version Mode: Automatic

Version Number: 1 (0-31)

LCN Mode: European

Index	TS ID	ON ID	Frequency	Constellation	Symbol Rate	
1	1	1	650.000 MHz	256 QAM	6875 Ksps	

VCT

VCT is for American standards – so please ignore...

PID-Bypass:

TS Config

Output TS 1
Stream Select
General
PID Bypass

Index	Input Channel	Input PID(0x)	Output PID(0x)	
1				

Set
Del-All

If you need to include to a QAM-Multiplex (e.g. TS1) a special PID from a different Input (IP,ASI,Tuner), you can add it here (rem.: values are in HEX , not decimal e.g. EIT is PID 18dec and 12hex):

Output TS 16
Stream Select
General
PID Bypass

Index	Input Channel	Input PID(0x)	Output PID(0x)	
1				

Set

Stream your 16 channels MPTS to IP out:

← → ↻ Nicht sicher http://192.168.0.136 90% ☆ VPN 2026-08-1

HDC-7024A

gement

BLANKOM[®]

Summary

- ▶ Status

Parameters

- ▶ Tuner
- ▶ TS Config
- ▶ Scrambler
- ▶ Modulator
- ▶ **Output**
- ▶ USB Media

System

- ▶ Network
- ▶ Cloud Platform
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ASI Out

ASI Out 1: Output TS1 ASI Out 2: Output TS1

Apply

IP Stream(DATA2)

Channel Info.(Alarm/Active/Total): 0/0/16

#	IP Address	Port	Protocol	Pkt Length	Null PKT Filter	Status	Bit(Act/Max)	
1	224.2.2.2	2000	UDP	7	☐	●	34.3/50.7 M	
2	224.2.2.2	2002	UDP	7	☐	●	39.4/50.7 M	
3	224.2.2.2	2004	UDP	7	☐	●	41.2/50.7 M	
4	224.2.2.2	2006	UDP	7	☐	●	0.0/50.7 M	
5	224.2.2.2	2008	UDP	7	☐	●	0.0/50.7 M	
6	224.2.2.2	2010	UDP	7	☐	●	0.0/50.7 M	
7	224.2.2.2	2012	UDP	7	☐	●	0.0/50.7 M	
8	224.2.2.2	2014	UDP	7	☐	●	0.0/50.7 M	
9	224.2.2.2	2016	UDP	7	☐	●	0.0/50.7 M	
10	224.2.2.2	2018	UDP	7	☐	●	0.0/50.7 M	
11	224.2.2.2	2020	UDP	7	☐	●	0.0/50.7 M	
12	224.2.2.2	2022	UDP	7	☐	●	0.0/50.7 M	
13	224.2.2.2	2024	UDP	7	☐	●	0.0/50.7 M	
14	224.2.2.2	2026	UDP	7	☐	●	0.0/50.7 M	
15	224.2.2.2	2028	UDP	7	☐	●	0.0/50.7 M	
16	224.2.2.2	2030	UDP	7	☐	●	0.0/50.7 M	

DATA2 is for sending the multiplexed QAM channel TS contents to IP out:

Please change the Multicast IP addresses if your network switch supports IGMP – otherwise all will be passed to your network and flood it with all MPTS at the same time or even are blocked.

Here you can also select which ones are send out to the ASI1 and ASI 2 (e.g. for checking the DVB-Tables etc...

For more details please refer to our Download-section in www.blankom.de and have a look at the HDC-manuals.