

# Philips Professional TV – 2025

→ Neu per Q1+Q2/2026



**EasySuite**  
3014 (P/Prison)



- + CMND & Control RF
  - + Initial set up centrally done (IIC)
  - + Welcome page
  - + On screen clock
  - + MyChoice
  - + VGA
  - + Kosteffektiv
  - + 24 mit transparenter Rückseite
- Healthcare Funktionen:
- + Multi-Remote Control (14)
  - + Cleanable white RC (optional)
  - + Double isolation class II

RF Standalone

**PrimeSuite**  
4014 **EoL**  
End of Life



- + IP TV (TV Kanäle via IP)
- + You Tube
- + Anzeige Geräte name
- + Kunden Dashboard
- + Wake up on LAN
- + SXP – Serial Express
- + Healthcare IP TV light
- + Full CMND (C.,C.,C.)
- + MHL
- + Edge stand

IP Standalone / System

**Hospitality TV**  
4518(U)



- + IP TV (TV Kanäle via IP)
- + Smart TV(ohne Netflix)
- + Vollen Zugriff auf Google Play Store
- + Chromecast built-in™
- + Bluetooth Build In
- + Anzeige Geräte name
- + Dashboard Android Launcher
- + Wake up on LAN
- + Mediasuite Light
- + App Control(cloud)
- + Full CMND (C.,C.,C.)
- + Triple Tuner inkl.DVB—S2
- + Hotspot Funktion: Wireless Internet

Smart / IP Standalone / IP System

**MediaSuite**  
5114



- + Kunden Dashboard
- + Wetter
- + Theme TV
- + Banner
- + Scheduler
- + SXP - Serielle Schnittstelle
- + 12 Volt out
- + Verlängerter Lebenszyklus
- + Netflix Hospitality zertifiziert (nicht Gesundheitswesen)
- + Gästebefragung & Rechnungsansicht & Nutzungsanalyse
- + Wake up on LAN/ Wifi
- + Aktiviert das native App-Design
- + Build in STB (IPTV/WIXP)
- + VSecure DRM / IR / SXP (RS232)
- + HDMI 2.0 (4K) / MHL
- + High performance (16Gb)

**MediaSuite**  
5214U



**MediaSuite**  
6214U



- + Einzigartiges Bedside TV
- + Medical zertifiziert
- + My Choice
- + Gebührenabrechnung möglich
- + Externe Uhr möglich
- + Kombinierte Kanalliste
- + WAVE Cloud fähig (in Planung)
- + Umfangreiches Zubehör unserer Partner

Bitte beachte:  
6214U ohne Standfuß

**Bedside TV**  
19HFL5214W



**CMND**

für Zentralsteuerung, Senderlistensortierung, Kloning uvm .

## Hints:

If you have all rooms equipped with Philips TV sets (these have Bluetooth), they must be paired with the TV. To do this:

Enter into Prof. Menu:

Press the mute, left, right, up, down, OK buttons in sequence. Or use the integrator special green RC unit.

If not:

Press the RC mute button for > 10 seconds -> Message on the TV which color code is assigned to TV-RC.

Change the RC by pressing the home and color buttons simultaneously for several seconds.

The TV needs the IP of the laptop running CMND:

Enter professional menu or send it by CMND menu.

In the professional TV menu you should also change the DNS address. Default is set to somewhere ...

TVs start on the IIC with 'Search Mode', first FWupdate, then Clone... search for a TV in the network... search for it by:

The screenshot shows a management dashboard with two pie charts indicating device status: 50% On (green) and 50% Offline (grey). A table below shows a device in Room 00001, TV 05 Feb 2026 14:36:30, with SN: FZ3A2513001075, Platform: 2019 MS, and MAC: 68:07:0A:7C:7D:87. An 'Add device' dialog box is open, showing fields for IP, Mode (Manual), Start IP, End IP, Detect Over (HTTPS/HTTP), and an 'Auto Import' checkbox. A 'Detect' button is at the bottom right of the dialog.

The 'Detect devices' dialog box shows the results of a scan. It reports 'Found 1 new device(s): 1 undefined, 0 realtek pcie gbe family controller, 0 hyper-v virtual ethernet adapter, 0 on Wi-Fi'. Below this is a table of detected devices:

Nr.	Import?	Power	S/N	RID	CTN	Platform	IP	MAC
1	<input checked="" type="checkbox"/>		FZ3A2513001075	00001	43HFL5214U/12	2019 MS	192.168.1.135	68:07:0A:7C:7D:87

An 'Import' button is located at the bottom right of the dialog.

You should assign a Room ID to the TV set. Default set is 00000 is also possible by CMND... and upload the settings to it. Setting the RoomID can be done in the TV Prof. menu itself: Press the mute, left, right, up, down, OK buttons in sequence.

Identification settings-> RoomID and other things... for weather info, the geo-location can be set...

There is a map online which can give you the geo-location number.

Read from TV:

# More Info

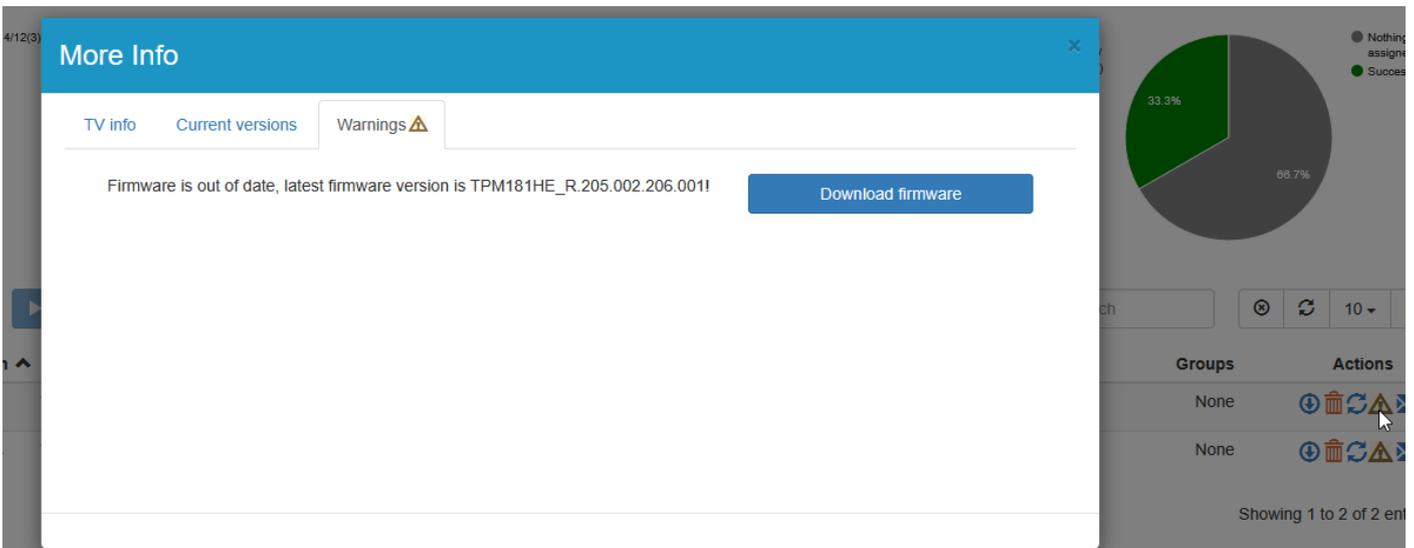
TV info

Current versions

Warnings ⚠

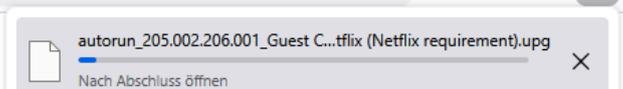
TV Name : TV 05 Feb 2026 14:36:30  
 ModelNumber : 43HFL5214U/12  
 SerialNumber : FZ3A2513001075  
 RoomID : 00001  
 MACAddress : 68:07:0A:7C:7D:87  
 IPAddress : 192.168.1.135  
 VSecureTVID : 800000000000002AD7FF  
 PowerStatus : On  
 TVUniqueID : FZ3A251300107568070A7C7D87  
 Type : 2019 MS  
 CreatedDate : 2026/02/05-14:36:30  
 Lastonline : 2026/02/05-14:36:36  
 Cert CN : 192.168.1.97,172.28.224.1  
 Https : false

Attention: Adjust the location of the CMND server IP in DNS on the router – here it is only localhost... on the laptop. Then you can access it from any computer via the network. Actually I have forgotten where and how to do that.



## Downloading and updating...

app.pfds.com/pim/download/firmware-v205-002-206-001/f/5bf8ea29-84e6-49c9-a066-12c94fb71867



Update running:

The screenshot shows the 'TV Status overview' page. At the top, there are five charts: 'TV Models' (50% red, 50% blue), 'Current Power Status' (50% green, 50% grey), 'Current SW' (50% red, 50% blue), 'Current Clone Data' (100% blue), and 'Current Upgrade Status (SW + Clone)' (25% orange, 75% grey). Below the charts are buttons for 'Add', 'Group', 'Delete', 'Stop selected', 'Overview', and 'Assign'. A search bar and a refresh button are also present. The main table has columns for 'Room Name', 'Guest Name', 'CTN', 'IP', 'SW', 'Clone', 'Groups', and 'Actions'. The first entry is for room 00001, guest Ralle, with SW 'TPM181HE\_R\_205.002.206.001' and 'Clone' 'Unknown'. Below the table, there are configuration options for SN, Platform, MAC, Guest ID, PMS Group, Reservation (ID), Language, firmware, Clone, Checkin, Checkout, Settings, Channels, Apps, Content, Banners, Welcome, and UICustomizations.

first:

Creating a CLONE-File (because there is no after installation): Download from the TV:

This screenshot shows the same interface as above, but with a new entry in the table. The 'Clone' column for the first entry now shows 'TPM181HE\_CloneData\_0\_05/02/2026:16:18(1)'. The 'Actions' column for this entry has a 'Start downloading' button. The 'Current Upgrade Status' chart now shows 50% green and 50% grey, indicating a successful clone.

If you have several, remember which one you did create. This must be selected for further channel adding issues and others...

And off course there is documentation:

<https://cmnd.io/faq/>

1. What is the default login and password?

l:admin

p:tpvision

must be chaged after first login !

➕ Add
☰ Group
🗑️ Delete
▶ Force
📌 Overview
Assign

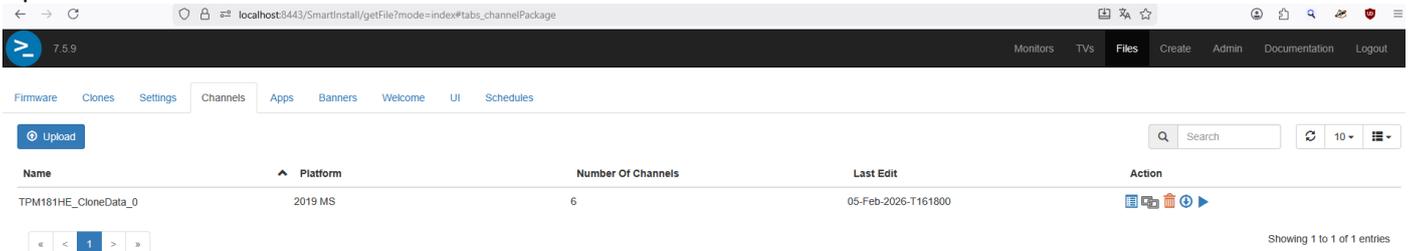
1 / 2 Room Name Guest

<input checked="" type="checkbox"/>	⬆️	🔒	📄	🔋	🔌	00001	TV 05 Feb 2026 14:36:30	Ralle
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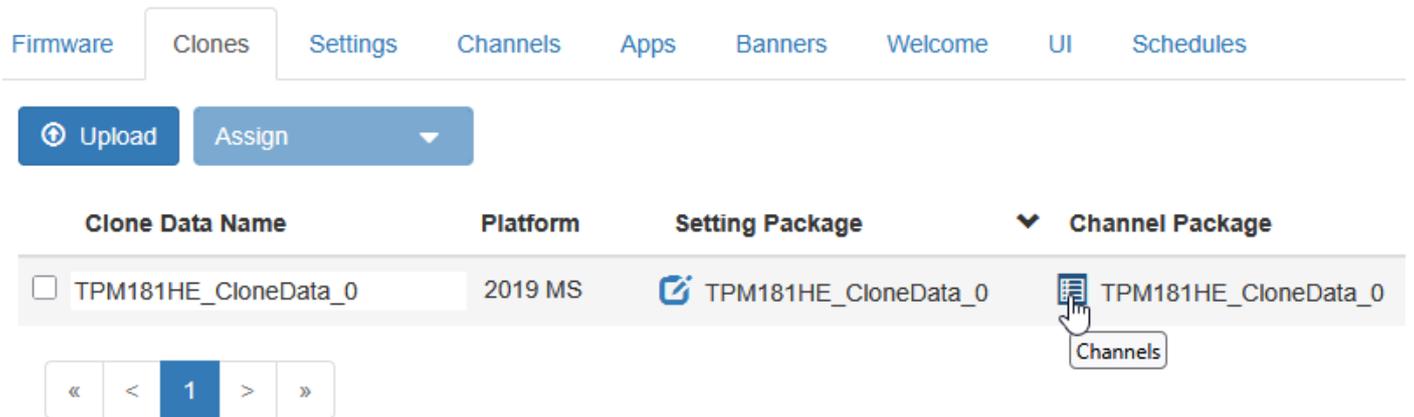
SN: FZ3A2513001075 Platform: 2019 MS

English	Software	✎
Settings	Channels	✎
Welcome	Channels	✎
	TPM181HE_CloneData_0	✎

Using the right button see above right from the Channels:  
 Opens also the file menu where the clone files are stored:



Channel list can be opened by  
 Selecting the clonefile,  
 Than go to channels:



Or:



Channel list:

Channels ThemeTV

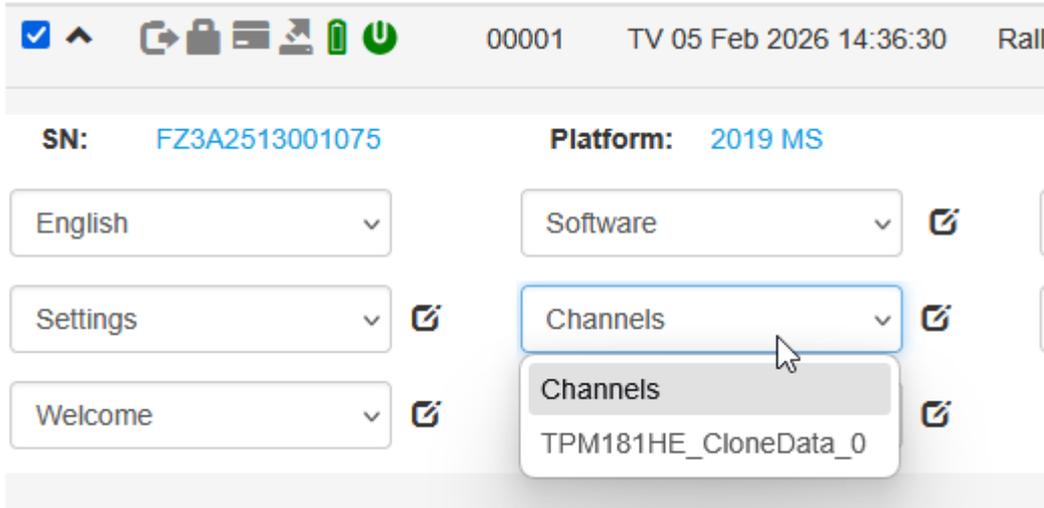
+ Add Renumber channel list Drag and drop mode: Insert

Channel No	Channel Name	Mute Video	Hide	Logo	Free	MyChoice Package 1	Package 2
1	Deutsche Well	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	dw-vonsat	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	HDMI 1	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	HDMI 2	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	HDMI 3	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Cast	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Apps	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Cast	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	InternetBrowser	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	InternetHotSpot	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	MediaBrowser	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ADD new channel:

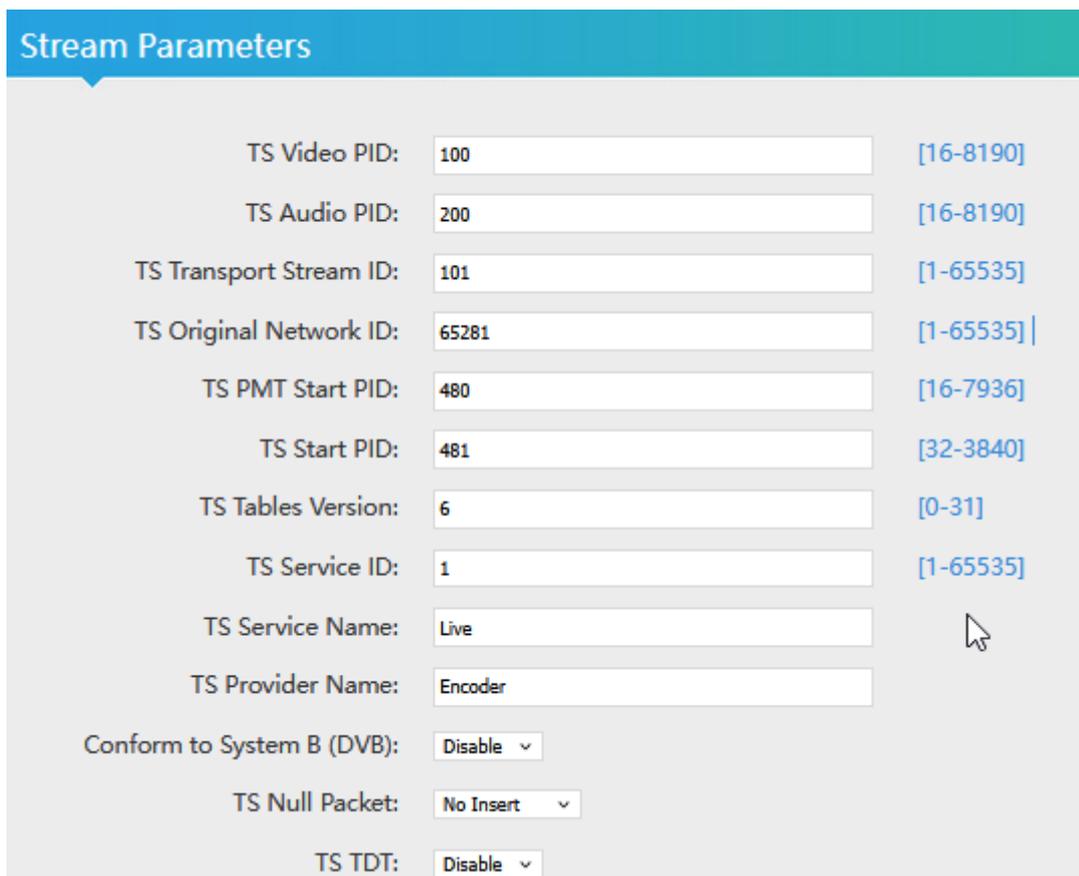
I'll try one stream w/o inserting the ONID,TSID And SID:

Select :



And it will be uploaded to the TV -> Check TV channels. And it is in the list. So the TSID etc values are not needed. Probably only for sending MPTS (Bouquet of e.g. a complete SAT-TS) so you can select which TV service ID you want to display on TV.

If you want to set it with TSID etc you'll get from the encoder this:



Or use the analyser – if you have one:

The screenshot shows the Philips software interface with the following components:

- Top Bar:** Includes 'MPEG-TS' mode, 'SMPTE 2110' standard, 'ATSC' and 'DVB' checkboxes, 'Freeze', 'Refresh', and 'Reset' buttons. It also shows the IP address '2: IP (Local IP: 192.168.1.10)' and the URL 'udp:// 238.0.0.111:12340'.
- PID Info (6):** Lists various streams:
  - 0x0000 PAT (122 kbps / 2.2%)
  - 0x0011 SDT-actual (24 kbps / 0.5%)
  - 0x0014 Unknown (1.49 kbps / 0.03%)
  - 0x01E0 PMT (122 kbps / 2.2%)
  - 0x01E1 AVC/H.264 Video (4.6 Mbps / 84.4%)
  - 0x01E2 MPEG-1 Audio (253 kbps / 4.6%)
- Transport Stream 101:** Shows a tree view of services and tables:
  - Services (1):** Live (4.9 Mbps / 89.1%)
    - 0x01E1 AVC/H.264 Video (4.6 Mbps / 84.4%)
    - 0x01E2 MPEG-1 Audio (253 kbps / 4.6%)
    - Program: 1
    - PMT PID: 0x01E0
    - PCR PID: 0x01E1
    - Provider: Encoder
  - Tables:**
    - PAT:** Table ID: 0, Transport stream ID: 101, Program: 1 (Live), PMT PID: 480
    - PMT:** Program: 1 (Live), Table ID: 2, PCR PID: 481, No program-info descriptors, PID: 481
    - SDT-actual:** Transport-Stream ID: 101, ONID=65281, Table ID: 66, Transport-Stream ID: 101, Original Network ID: 65281
    - Service 1 (Live):** EIT schedule: 0, EIT present/following: 0, Running status: 4 (Running), Free CA mode: 0 (not scrambled), Service Descriptor (Descriptor tag: 0x48, Service type: 1 (Digital television), Service provider: Encoder, Service name: Live)
- Messages:**
  - 02/06/2026 - 13:56:50 Input signal detected
  - 02/06/2026 - 13:56:50 Synchronized to stream with 188-byte pac
- Trace bar:** A graph showing bit-rate over time, with a scale from 1.0Mbps to 10.0Mbps. The current bit-rate is 101290.

In general:

The encoder should be set as following:

Start with h.264 only, switch all other stream protocols to off – only enable UDP multicast.

The screenshot shows the 'Encoder System Platform' configuration page for H.265 HEVC, version 1.57A. The 'Encoding' tab is selected, and the 'Main Stream' is configured as follows:

- Video Codec:** H.264
- FPS:** Same as input
- GOP:** 50 [5-300] GOP (Group of Pictures), Keyframe interval (seconds) = GOP / FPS
- Bitrate (kbps):** 10000 [32-32000]
- Image Quality Levels:** Mid → Best
- Video Resolutions:** Same as input
- H.264 Profile:** Main Profile
- Bitrate Mode:** VBR

Additional information provided in the interface:

- H.265 offers better quality than H.264. Use it whenever your decoder supports it.
- Group of Pictures, keyframe interval = GOP / FPS (in seconds)
- In VBR mode, the bitrate is limited by the Quality Range. Selecting "Better~Best" or "Best" can result in very high actual bitrates, ignoring the target. "Lower~Best" keeps the target bitrate meaningful.
- For DVB systems, "Strong CBR" is required. Minimum: 5000 kbit/s for 1080p; Recommended: 8000kbit/s.
- Key-Frame Interval Settings:
  - If the input frame rate is "N" (e.g., 60, 50, 30, 25), set the key-frame interval to twice the input frame rate (2xN).
  - In Auto mode, the interval is set to half the input frame rate when N>30; otherwise, it is set to N.

An 'Apply' button is located at the bottom of the configuration section.

You need to play with the Audio settings – to minimize audio glitches:

Status

Audio ONVIF Audio

Encoder

Main Stream

Substream1

Substream2

Substream3

Video

Audio

Advanced

OSD

System

◆ Do not set the Digital Volume Gain too high, as this may cause distortion or introduce noise. In most cases, a gain of 0 is sufficient. Adjust the front-end audio volume to control the overall sound level.

Audio Input: Digital

Sampling Rate: Same as input sample rate

Audio Codec: MP2

Audio Channel: AAC

Audio Bitrate (bps): [64000~320000]

Digital Volume Gain (dB): [-20~10]

Denoise: AAC3

Denoise (dB): 15 [1~100]

G711 Over PTE: Disable

Apply

This Encoder settings are nearly working fine:

Audio Input: Digital

Sampling Rate: Same as input sample rate

Audio Codec: AAC++

Audio Channel: L+R

Audio Bitrate (bps): 28000 [14000~64000]

Digital Volume Gain (dB): 0 [-20~10]

Denoise: Disable

Denoise (dB): 15 [1~100]

G711 Over PTE: Disable

Apply

Checked by VLC:

**Aktuelle Medieninformationen**

Allgemein | Metadaten | Codec | Statistiken

Informationen über den Aufbau des Mediums oder des Streams.  
Muxers, Audio- und Videocodexs, Untertitel werden angezeigt.

- Stream 0
  - Originale ID: 100
  - Codec: H264 - MPEG-4 AVC (part 10) (h264)
  - Typ: Video
  - Videoauflösung: 1920x1080
  - Pufferabmessungen: 1920x1088
  - Bildwiederholrate: 50
  - Decodiertes Format:
  - Ausrichtung: Oben links
  - Grundfarben: ITU-R BT.709
  - Farbübertragungsfunktion: ITU-R BT.709
  - Farbraum: ITU-R BT.709 Bereich
  - Farbsättigungslage: Links
- Stream 1
  - Originale ID: 200
  - Codec: ADTS
  - Typ: Audio
  - Kanäle: Stereo
  - Abtastrate: 48000 Hz
  - Bits pro Sample: 32
  - AAC-Erweiterung: SBR
- Live [Programm 1]
  - Status: Running
  - Typ: Digital television service
  - Herausgeber: Encoder

Ort: udp://@238.0.0.111:12340

Schließen

udp://238.0.0.111:12340 - VLC media player

Medien | Wiedergabe | Audio | Video | Untertitel | Werkzeuge | Ansicht | Hilfe

2026-02-06 14:09:26

14:09  
LIVE

24

EU-Kommission fordert Änderungen  
**Tik Tok droht Strafe wegen Suchtfahr**

werde gegen Etat 2025 an • Getöteter Zugbegleiter: Hubig erwägt härtere Strafen bei Gewalt gegen Bahnmitarbeiter • Mosi

00:22 00:00

100% 00:22/---

udp://238.0.0.111:12340

TS:

MPEG-TS SMPTE 2110 ATSC Freeze 2: IP (Local IP: 192.168.1.10) Alias URL udp:// 238.0.0.111:12340

OTT DVBS Refresh ISDB X Reset Mode TS Standard Settings Input Adapter

**PID Info (6):**

- 0x0000 PAT (14.0 kbps / 0.1%)
- 0x0011 SDT-actual (2.7 kbps / 0.03%)
- 0x0014 Unknown (37 kbps / 0.4%)
- 0x0064 AVC/H.264 Video (10.2 Mbps / 100.0%)
  - Bitrate: 10.165.329 bps / 100.0%
  - ES Info
  - PCR: Yes
    - Interval: 99.9 ms(10.0 PCR/s)
    - PCR\_AC Error: 20.1 ms
    - PCR\_FO Error: +8174.45 ppm
  - Scrambled: No
  - CC Errors: 13
  - Type: AVC/H.264 Video
  - Stream ID: 224
- 0x00C8 AAC Audio (39 kbps / 0.4%)
  - Bitrate: 39.239 bps / 0.4%
  - ES Info
  - PCR: No
  - Scrambled: No
  - CC Errors: 13
  - Type: AAC Audio
  - Stream ID: 192
- 0x01E0 PMT (14.0 kbps / 0.1%)

**Transport Stream 101:**

- Services (1)
  - Live (10.2 Mbps / 100.4%)
    - 0x0064 AVC/H.264 Video (10.2 Mbps / 100.0%)
      - 0x00C8 AAC Audio (39 kbps / 0.4%)
        - PID: 0x00C8
        - Bitrate: 39.239 bps / 0.4%
        - ES Info
          - Mode: Center Only
          - Object Type: AAC LC
          - Sample Rate: 24.0 kHz
          - Original: No
        - Stream ID: 192
      - Program: 1
        - PMT PID: 0x01E0
        - PCR PID: 0x0064
        - Provider: Encoder
- Tables
  - PAT
    - Table ID: 0
    - Table PID: 0
    - Table version: 6
    - Repetition rate: 9.4Hz
    - Table interval: 0.11s
    - Number of sections: 1
    - Section length: 16 bytes
    - Transport stream ID: 101
    - Program: 1 (Live)
      - PMT PID: 480
  - PMT
    - Program: 1 (Live)
      - Table ID: 2
      - PCR PID: 100
      - No program-info descriptors
      - PID: 100
      - PID: 200
    - SDT-actual
      - Transport-Stream ID: 101, ONID=65281
      - Table ID: 66
        - Transport-Stream ID: 101
        - Original Network ID: 65281
      - Service: 1 (Live)
        - EIT schedule: 0
        - EIT present/following: 0
        - Running status: 4 (Running)
        - Free CA mode: 0 (not scrambled)

**Messages**

- 02/06/2026 - 13:56:50 Input signal detected
- 02/06/2026 - 13:56:50 Synchronized to stream with 188-byte packets
- 02/06/2026 - 13:59:52 Lost input signal

**Trace bar**

20.0Mbps  
18.0Mbps  
16.0Mbps  
14.0Mbps  
12.0Mbps  
10.0Mbps  
8.0Mbps  
6.0Mbps  
4.0Mbps  
2.0Mbps

Bit-rate TR 101 290

http://192.168.1.168/indexE.html



Encoder System Platform  
Version: 1.57A

Status

Status

Encoder

OSD

System

Device Status

Uptime: 0000-00-00 00:10:52

Device Time: 2026-02-06 14:11:26 (Sync Time To Device)

CPU Usage: 13%

Memory Usage: 223.1M/512.0M

Codec Usage: 86%

Input Resolution: 1920x1080i@50

Video Status: Normal

Received Video Frames: 11100

Audio Samplerate: 48.0 kHz

Audio Status: Normal

Received Audio Frames: 5095

Network Sent Packets: 122

Network Dropped Packets: 0

[Preview \(Low Latency\)](#)

Main Stream

Video Codec: H.264

Video Resolution: 1920x1080@50

Bitrate (kbps): 10000

Real-time FPS: 50.00

TS URL: http://192.168.1.168/0.ts

HLS TS URL: Disabled

HLS MP4 URL: Disabled

MP4 URL: Disabled

FLV URL: http://192.168.1.168/0.flv

RTSP URL: Disabled

RTMP URL: Disabled

RTMP(S) Push URL0: Disabled

RTMP(S) Push URL1: Disabled

RTMP(S) Push URL2: Disabled

Multicast URL: udp://@238.0.0.111:12340

SRT Listener URL: Disabled

SRT Caller URL: Disabled

HLS Push URL: Disabled

TRTC Room: Disabled

Icecast Push URL: Disabled

[Preview \(HTML5\)](#)