# Wi-Fi Transcoder/Streamer Plus

Multiscreen transcoder that includes transcoding and streaming functionalities, enabling to transcode live content to different output profiles and then stream it through HLS.

This complete device allows to stream television channels to any device (Smartphones, Tablets, STBs, PCs, Smart TVs...) through any kind of network.

It is compatible with DIRECTV IPTV headends.

| | |
|---|---|
| **Ref.** | 83220302 |
| **EAN13** | 8424450206942 |

## Other features

| | |
|---|---|
| **Transcodification capacity** | Wi-Fi Plus |

## Physical data

| | |
|---|---|
| **Net weight** | 7,100.00 g |
| **Gross weight** | 7,600.00 g |

## Packing

| | |
|---|---|
| **Box** | 1 pcs. |

## Highlights

- Adaptive Streaming: the video quality will dynamically adapt to the network capacity, delivering the highest possible quality at any time.

- AES encrypted channels: The Wi-Fi streamer supports reception and decryption of secure live
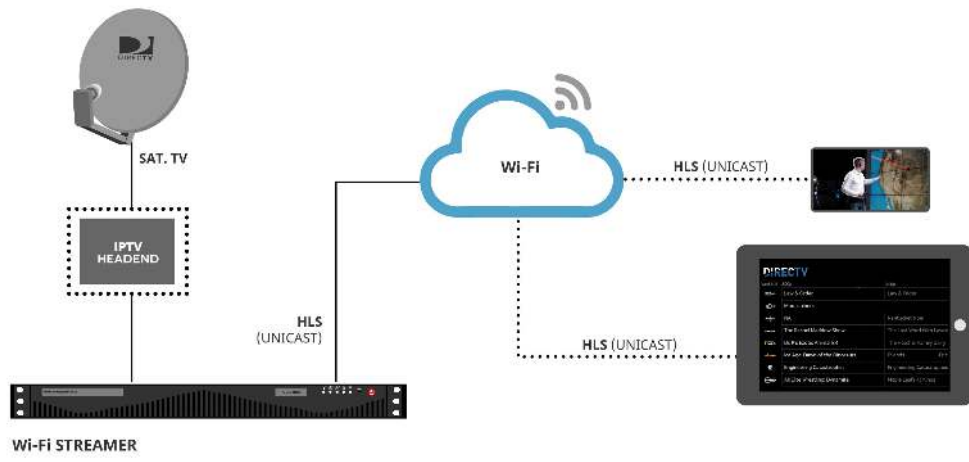
streams from DIRECTV IPTV headend.

- Operation modes: It supports different architectures and configuration modes, like an all-in-one configuration where a single equipment will simultaneously behave as a transcoder and a streamer.

- Fully scalable: management tool with multiple nodes management capacity, as well as the ability of adding new equipment during operation.

- Equipment reconfiguration: depending on the requirements of the project at a given time, equipment could be reconfigured independently or in a scalable way (specifying, in the latter case, the operating mode: transcoder or streamer).

- Native multi-device player: the web player is optimized for using the HW decoding resources of each specific device, improving performance and optimizing power consumption.

- Casting service-compatible players: the web players on compatible devices allow sending contents to casting devices such as Chromecast or AppleTV.

- Responsive web tool: the entire management and configuration of the equipment can be carried out from a web interface that adapts to any device.

- Output resolution up to 480p.

- It includes the option of stacking some devices and managing them centrally.

- It includes 4 GbE ports.

- Reduced energy consumption.

- It includes 4 high-efficiency FANs.

- 19" rack compatible 1U height.

## Application example
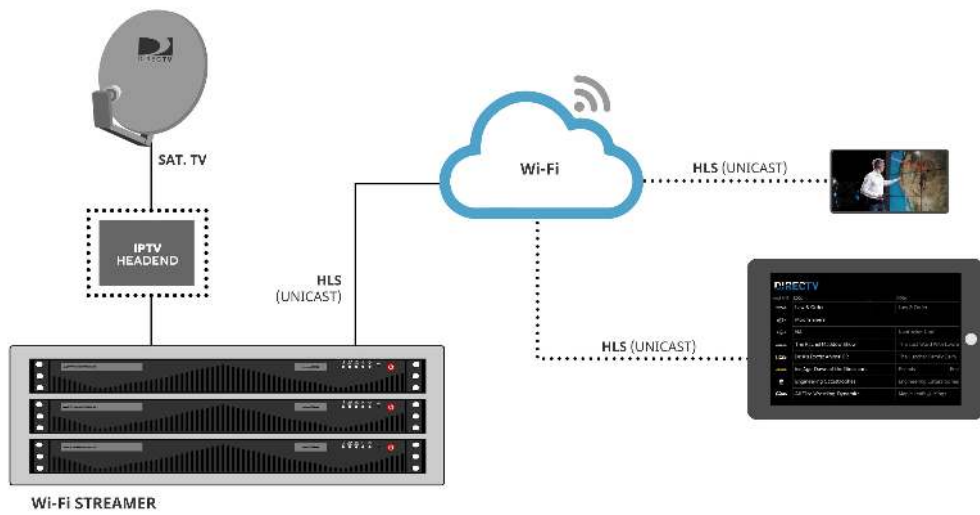
**All-in-one architecture**

SAT. TV

IPTV HEADEND

Wi-Fi

HLS (UNICAST)

HLS (UNICAST)

HLS (UNICAST)

Wi-Fi STREAMER

**Complex architecture**



SAT. TV

IPTV HEADEND

Wi-Fi

HLS (UNICAST)

HLS (UNICAST)

HLS (UNICAST)

Wi-Fi STREAMER

# Technical specifications

| | | Input | | | Output (H.264) | | | |
|---|---|---|---|---|---|---|---|---|
| **Performance** | Transcoding | Channels | Codec | Resolution | Profiles | Resolutions | | |
| | | 10 | H.264 | 1080i@30 | 3 | 480p | 360p | 144p |
| | | 10 | | 720p@60 | 3 | 480p | 360p | 144p |
| | | 15 | MPEG2 | PAL / NTSC | 3 | 480p | 360p | 144p |
| | Streaming | Maximum: 3x 1-Gbps interfaces | | | | | | |
| | | Users per interface | Total users | | Output quality | | Bit rate per user | |
| | | 225 | 675 | | 480p | | 4 Mbps | |
| | | 250 | 750 | | 404p | | 4 Mbps | |
| | | 375 | 1125 | | 360p | | 2 Mbps | |
| | | 450 | 1350 | | 404p | | 2 Mbps | |
| | | 900 | 2700 | | 144p | | 1 Mbps | |

| | | | |
|---|---|---|---|
| **Hardware Description** | Frame | **Dimensions** | |
| | | 437 x 43 x 287mm | |
| | | **Weight** | |
| | | 4,99kg | |
| | | **Cooling** | |
| | | 4 high-efficiency fans | |
| | Network connections | 4 GbE ports | |
| | Power Supply | 200W AC 100-240V 50/60Hz 16 -0,1A | |
| | | **Energy performance certification** | |
| | | Gold | |
| | Average power consumption | 120V / 0,8 - 1A | |
| | | 230V / 0,4 - 0,6 A | |