



Wi-Fi Transcoder/Streamer Lite

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.	83220301
EAN13	8424450206935

Other features

Transcodification capacity	Wi-Fi Lite
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Physical data

Net weight	11,000.00 g
Gross weight	11,000.00 g

Packing

Box	1 pcs.
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Highlights

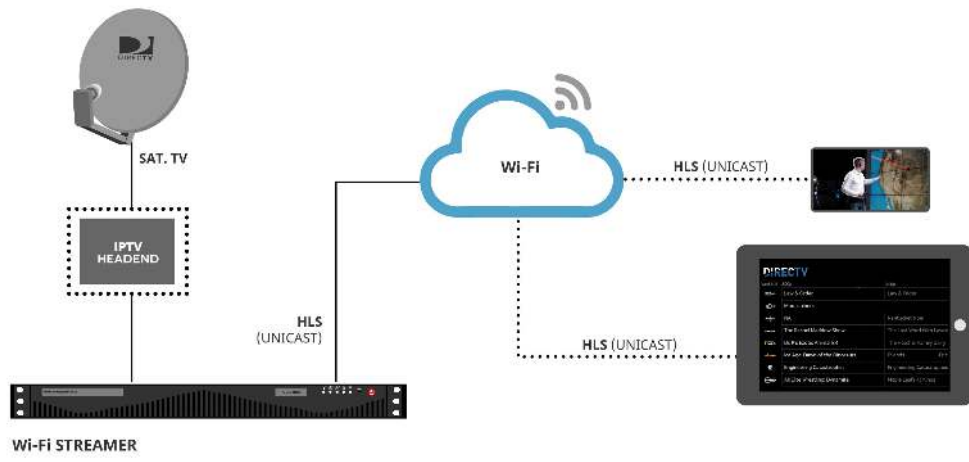
- Adaptive Streaming: the video quality will dynamically adapt to the network capacity, delivering the highest possible quality at any time.
- AES encrypted channels: The Wi-Fi streamer supports reception and decryption of secure live

streams from DIRECTV IPTV headend.

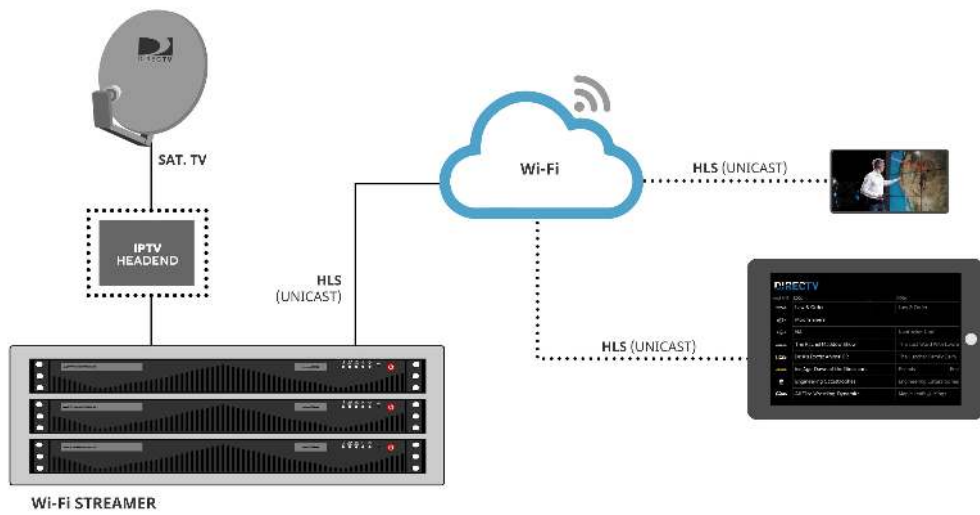
- Operation modes: It supports different architectures and configuration modes, like an all-in-one configuration where a single equipment will simultaneously behave as a transcoder and a streamer.
- Fully scalable: management tool with multiple nodes management capacity, as well as the ability of adding 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



Complex architecture



Technical specifications

		Input			Output (H.264)				
		Channels	Codec	Resolution	Profiles	Resolutions			
Performance	Transcoding	7	H.264	1080i@30	3	480p	360p	144p	
		7		720p@60	3	480p	360p	144p	
		9	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 369mm
		Weight	13,4kg
		Cooling	4 high-efficiency fans
		Network connections	4 GbE ports
		Power Supply	350W AC 100-240V 50/60Hz 4,2-1,8A
	Energy performance certification		Gold
	Average power consumption	120V / 0,8 - 1A	
		230V / 0,4 - 0,6 A	