Transcoder/Streamer Live Plus

Televes multiscreen transcoder includes two functions on a single device: transcoding and streaming, enabling to transcode live content and stream it through HLS, UDP or RTP.
It allows to stream television channels to any device (Smartphones, Tablets, STBs, PCs, Smart TVs...) through any kind of network.

Ref.	832204
Logical ref.	ATRANSPLUS
EAN13	8424450208175

Other features

Transcodification capacity	Live Plus

Packaging info

Box	1 pcs.

Physical data

Net weight	6,900.00 g
Gross weight	6,900.00 g
Width	437.00 mm
Height	43.00 mm
Depth	287.00 mm
Main product weight	6,900.00 g

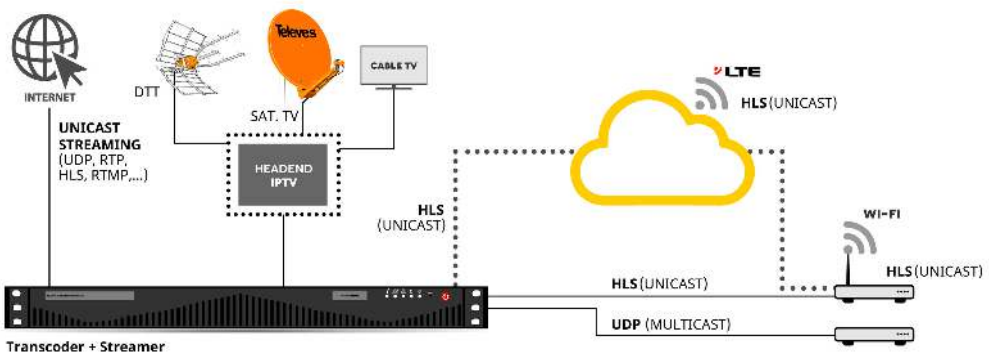
Highlights

- Simultaneous multi-channel processing. Up to 15 video inputs, each with 3 output profiles, depending on the selected configuration.
- 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.

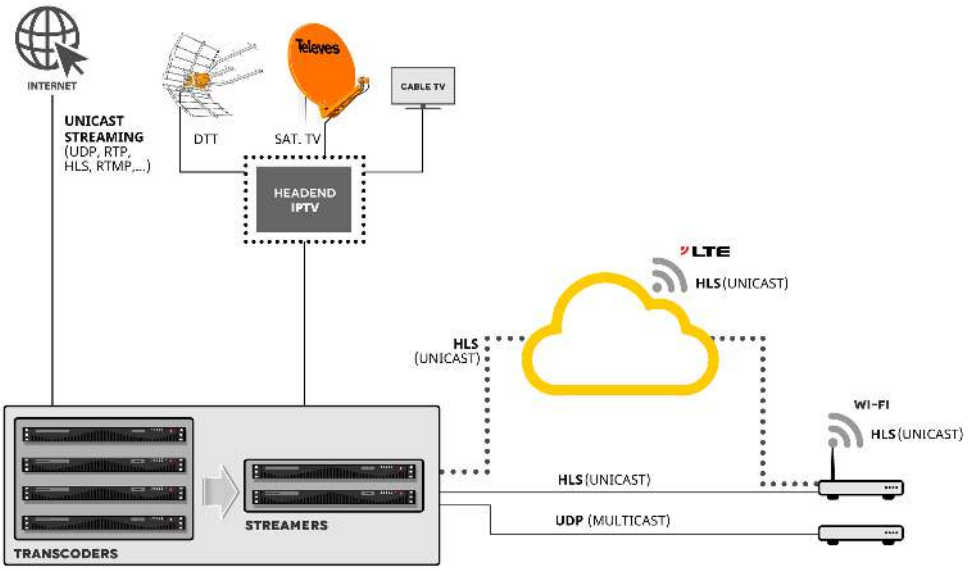
- Equipment reconfiguration. Depending on the requirements of the project, the device can be configured as a transcoder, a streamer or both simultaneously, sharing the resources.
- Native multi-device player. The web player is optimized to use the HW decoding resources of each specific device, improving performance and optimizing power consumption.
- Players consistent with Casting devices. The web players, of the suitable devices, allow sending contents to casting devices like Chromecast or Apple TV.
- Responsive web tool. All management and configuration of the equipment can be carried out from a web interface that adapts to any device.
- Output resolutions up to 1080p.
- Adaptive streaming. The video quality will dynamically adapt to the network capacity, delivering the highest possible quality at any time.
- It supports the most popular codecs that are being used currently for video streaming, including HEVC, allowing for an even higher optimization of the network resources. Primarily designed for use on LTE networks.
- Fully scalable. A tool with multiple node management capacity. New equipment hot-plug capability.

Application example

All-in-one **architecture**



Complex architecture


INTERNET
UNICAST
STREAMING
(UDP, RTP,
HLS, RTMP,...)
DTT
SAT. TV
CABLE TV
HEADEND
IPTV
LTE
HLS (UNICAST)
HLS
(UNICAST)
WI-FI
HLS (UNICAST)
HLS (UNICAST)
UDP (MULTICAST)
STREAMERS
TRANSCODERS