



## IP Modulator Encoder IP (HLS) - QAM (Annex B)

Encoder/modulator that converts up to 12 IP input streams, in HLS format, into a QAM multiplex (DVB-C). The HLS (HTTP Live Streaming) protocol divides the overall stream into small fragments that the module collects to create a single transport stream. This stream is later modulated in a QAM (Annex B) channel.

---

<b>Ref.</b>	563201
<b>EAN13</b>	8424450247761

---

### Packing

---

<b>Box</b>	1 pcs.
------------	--------

---

### Physical data

---

<b>Net weight</b>	800.00 g
<b>Gross weight</b>	800.00 g

---

### Highlights

---

- IP streams with HLS protocol, widely used in media players, web browsers and streaming media servers
- Perfect image and audio synchronization
- Compatible with multiple formats, resolutions, and TV set sizes
- Excellent output quality (MER>40 dB)
- Energy-efficient thanks to their low power consumption
- Integrated RF combiner and Ethernet switch
- Remote firmware update

- Configuration via a web interface embedded in the encoder

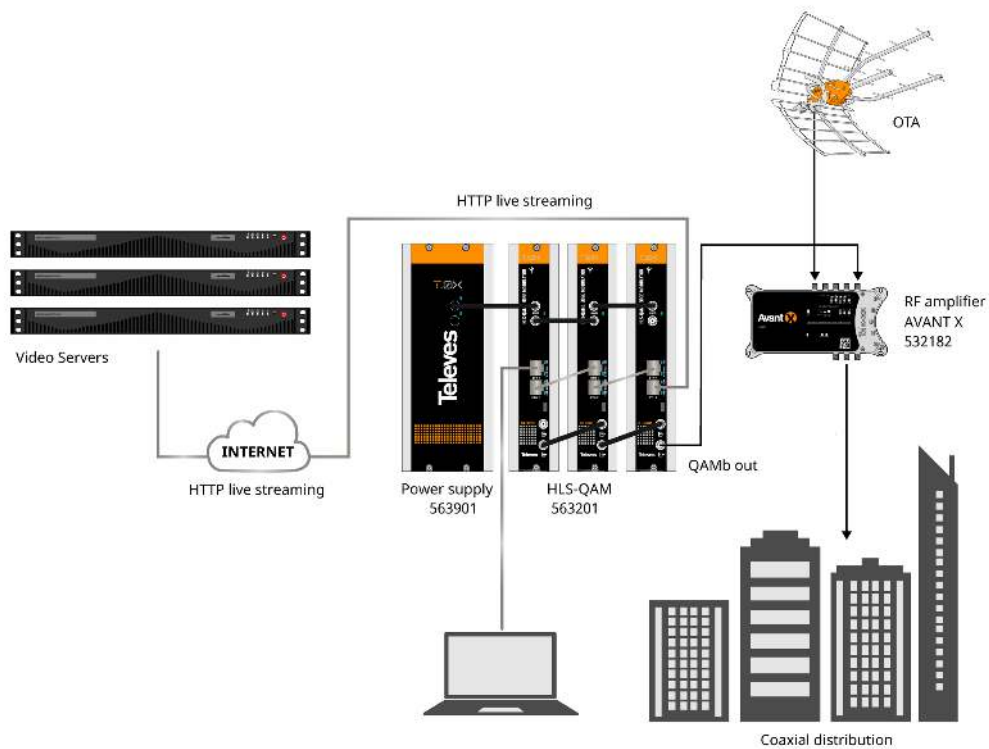
## Main features

---

- Up to 12 IP streams
- RF output up to +25dBmV
- Device monitoring and signal status LED diodes
- Access to the control interface via Ethernet connection or via Wifi network (using kit ref. 216802)

## Application example

---



## Technical specifications

IP INPUT	Input format		HTTP Live Streaming (HLS)
	IP streams		Máximo 12
	Maximum aggregate input bit rate	Mbps	150
QAM OUTPUT	Conectors		2 x "F" Female
	Modulation		ITU-B: 64QAM, 256QAM
	Channel plan		CATV STD, Broadcast, Frecuencia
	Maximum output level	dBmV	25
	MER	dB	>40 (typ.)
	Output level regulation	dB	20
GENERAL	Power supply	Vdc	24
	Consumption	mA	310
	Operating temperature	°F	32...113
	Protection index	IP	IP20