

Multiple Feed Aggregation

The LA-1200 is the multi-purpose device with the main task of receiving a single IP based video stream or collecting and distributing multiple IP based video streams (up to 50 individual feeds possible).

This unit serves as a software based "head-end" or aggregation point for single or multiple video feeds which originate from the C4IP Taurus series of IP encoders.

The LA-1200 also ensures a jitter free reception of IP streams and is able to perform the following additional functions:

- Re-encode non DVB compliant streams to DVB compliant streams
- Transcode an incoming H.264 video feed to MPEG-2 (and vice versa)
- Provide black detection on incoming feeds and insert a static image when a feed is unavailable or reception is lost
- Provide the receiving point de-encryption functionality needed for a secure feed (in conjunction with a compatible C4IP Taurus series encoder)
- General purpose PID and DVB tables modification
- Individually configure each incoming feed for re-transmission (multicast or unicast) into a local network
- Multiplex multiple streams into one ASI stream (in conjunction with our multiplexing add-on)

The LA-1200 is able to handle a wide range of functions to ensure flexible integration into head-end stations.

The unit is also able to send notifications via email regarding any problems with the connection or stream.

This LA-1200 is a 1U 19" rack mount device which can be easily installed into any data center or engineering room.

Application

Perfect for cable operators or other head-ends in need of a cost effective way to transport and receive many channels over an IP network.

With an optional remuxer module, individual parameters within a transport stream can be adjusted to ensure flexible integration with existing infrastructure.

In combination with optional remuxer module, IP to ASI conversion can easily be achieved for operators who choose not to integrate or allow IP feed transmission directly into their existing infrastructure.

Can function as an inter-connection point to share or re-distribute a feed or feeds to a different or multiple location(s).

Specifications

Form Factor	19" 1U Rackmount
AC Input	100 ~ 240V, 50 ~ 60Hz
Power consumption	ATX 300W
Operating Temp.	0 ~ 60 °C (32 ~ 140°F)
Operating Humidity	0 ~ 90% (non-condensing)

I/O

Ethernet (in)	1 x Gigabit Ethernet 10/100/1000 port
Ethernet (out)	1 x Gigabit Ethernet 10/100/1000 port