

## DVB-T2 GATEWAY

The high quality, professional and cost-effective solution



# DVB<sup>®</sup> T2

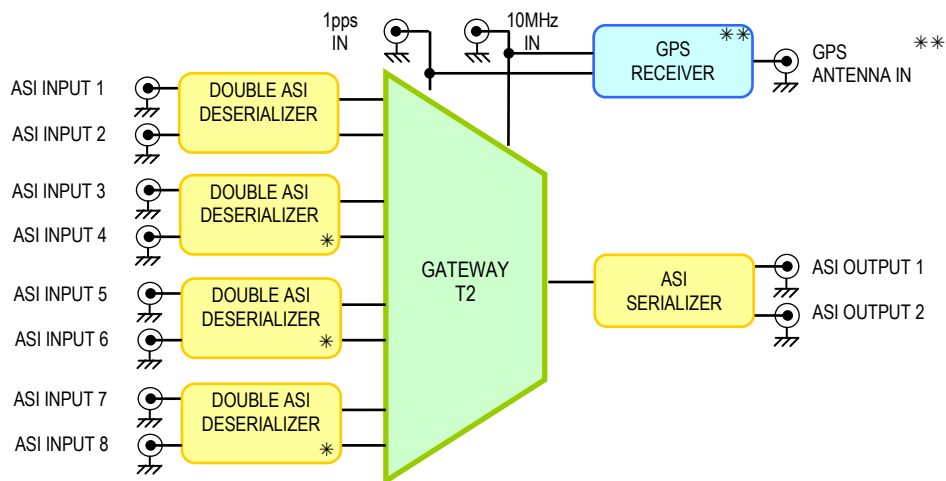
**ABE DVB-T2 GATEWAY** is an high quality, professional, flexible and cost-effective solution to encapsulate one or more Transport Streams into a DVB-T2 MI (Modulator Interface) and to insert synchronization data to allow Single Frequency Network broadcasting.

The Gateway can support up to eight PLPs (Physical Layer Pipes) and can be supplied with built-in GPS locked high stability reference oscillator.

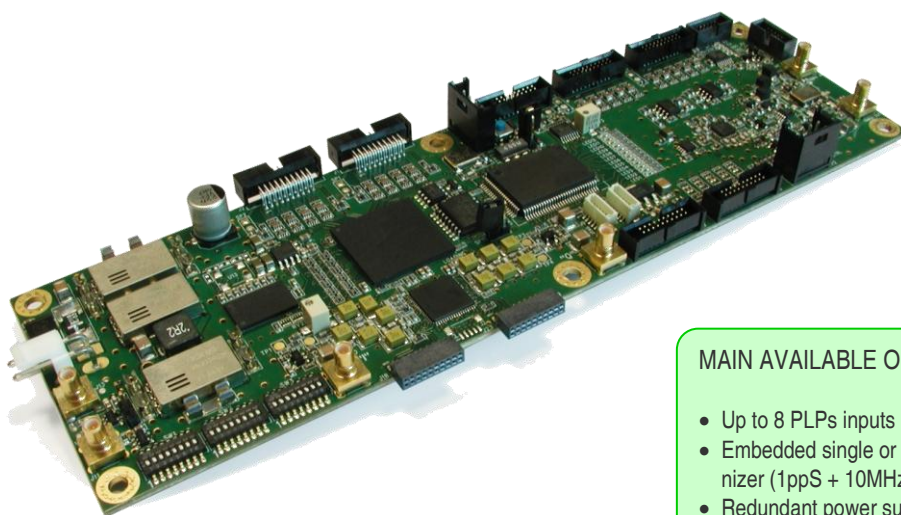
ABE DVB-T2 Gateway has to be installed in the head-end of the Network before the distribution (backhauling) to the transmitters (that must be transparent).

### Features:

- Configuration of DVB-T2 modulators;
- Single PLP management;
- Multi-PLPs management (up to 8);
- Automatic bit rate adaptation of the incoming Transport Stream;
- Option for automatic switching to secondary inputs;
- Option for built-in GPS locked high stability reference oscillator (10MHz + 1pps);
- Option for Ethernet (GBE – T.S. over IP) inputs and/ or output;
- User-friendly local control with front panel LCD display and keypad;
- RS485; RS232; Ethernet 10/100 Base-T (SNMP and web server support) remote control interface options;
- Stand-Alone unit 1U high;



\* OPTION FOR MULTI PLPs and/ or for automatic switching to secondary inputs  
 \*\* INTERNAL GPS RECEIVER



**DVB-T2 Gateway board**

**MAIN AVAILABLE OPTIONS:**

- Up to 8 PLPs inputs
- Embedded single or double GPS receiver/ synchronizer (1ppS + 10MHz)
- Redundant power supply
- Ethernet (GBE – T.S. over IP) inputs and/ or output



All specifications contained in this document may be changed without prior notice.