

GX-BOX-DP

Galaxia headend



GALAXIA is Fracarro's modular, high-density solution ideal for professional applications. The solution is IP native and can meet all requirements related to audio and video content distribution.

The GALAXIA control unit is equipped with **6 slots** where various types of modules can be installed and mixed, e.g., encoders (e.g., **HDMI multi-input card**), **DVB-C, DVB-S2X/S2 or DVB-T2/T** receivers, and DVB-T or DVB-C multi-modulator cards. The GALAXIA digital platform is a comprehensive solution suitable for all major video transmission needs of signal reception, decoding, encoding, multiplexing, coaxial modulation and IPTV (unicast and multicast SPTS/MPTS). The GALAXIA solution is the perfect and suitable choice for the hospitality sector (**hotels, villages, campgrounds, resorts**) educational (schools, university campuses), health care (hospitals, nursing homes), prisons, ships, institutional buildings and generally all multi-user facilities.

The **GALAXIA** central unit also is the suitable solution for managing IPTV content and distributing it over the IP network via **FRACARRO GPON solutions**.

Technical Chars

- **Mechanical 1RU** Standard Rack 19"
- **Dual power supply as standard** (high redundancy)
- Forced ventilation
- **6 available slots** on rear panel arranged to insert "hot" modules
- **4 GE RJ45 ports** on front panel (**2 RJ45 ports for management and 2 RJ45 ports for IPin/IPout streaming**)
- Supports up to **120 input IPTV streams and 120 output IPTV streams** (SPTS/MPTS)
- Various **modules available** to manage and distribute different input sources (e.g., DVB-S2/S2X, DVB-T2, DVB-C, HDMI, program decoding, etc.)
- **On-board WEB interface:** programming of all parameters is done via HTML web interface
- Advanced configuration: via the web interface all parameters of each mux (ONID, TSID, NetID,...) and each program within the individual MUX (LCN, SID, PID, Program Name, etc.) can be programmed.
- Supports SNMP and HTTP protocols

GX-BOX-DP	
Code	287635

Specifications		
Slot		6 slots for hot-swappable modules
Power supply voltage	Vdc/A	100-240 / 50-60
Mains plug		Dual redundant power supply
Current consumption	W	120
Ethernet interface		4 RJ45 ports GbE (on board)
Operating temperature	°C	-10 to +50; -10 to +45 (with CAM)
Storage temperature	°C	-10 to +70
MTBF	h	≥100000

NOTE: The Management ports (MNGT 1 and 2) of the headend units must be independent of the network to which the DATA ports, where Multicast traffic is distributed, are connected. The management ports are meant for on-site configuration with a direct connection.