

## Galaxia Satellite receiver and descrambling module

## GX-4S2CI-BP-01

## GALAXIA



**GALAXIA** is the new **Fracarro Modular and High Density IP based professional solution** able to satisfy all the requests for the distribution of audio/video content coming from the market.

**GALAXIA Solution** is the perfect and suitable choice for: **hospitality** (hotels, villages, camping, resorts) **educational** (schools, campuses), **health** (hospitals, nursing homes), **prisons**, **ships**, **institutional buildings** and in general all multi-user structures.



**GX-4S2CI-BP-01** module is equipped with two RF coaxial Satellite inputs and two PCMCIA Common Interface slots. The module is able to tune up to **four DVB-S/S2/S2X satellite transponders** (two transponders for every single RF coaxial input), decrypt the scrambled programs through the C.I. slots and share and pool the contents to the **GALAXIA** main chassis.

## Main Specifications (\*)

- 4x **DVB-S/S2/S2X** tuners (2 tuners for every F-Female coaxial connector)
- 2x **PCMCIA Common Interface** slots
- **Independent power** supply for each SAT input
- **“Hot-swappable”** module
- **WEB interface based headend:** the module is managed through a friendly user HTML web interface to set every single parameter

**GX-4S2CI-BP-01 (\*)**

Fracarro code		287637
<b>Front-End</b>		
N° input	N°	Four channels via 2x F female connectors (CH1 & CH2 via LNB-1 CH3 & CH4 via LNB-2)
Input frequency	MHz	950÷2150
Input level	dBµV (dBm)	38 ÷ 88 (-70 ÷ -20)
LNB control		0/14/18VDC, 0/22KHz, DiSEqC
LNB current (max.)	mA	400
Demodulation		DVB-S: QPSK, 8PSK DVB-S2: QPSK, 8PSK, 16APSK, 32APSK DVB-S2X: QPSK, 8PSK, 16APSK, 32APSK, 64APSK
FEC		DVB-S: 1/2, 2/3, 3/4, 5/6, 7/8 DVB-S2: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 DVB-S2X: 11/15, 7/9, 4/5, 5/6 (Normal FEC FEC FRAME)
Symbol rate	MS/s	DVB-S: 1~45 DVB-S2: 1~45 DVB-S2X: 1~34
Roll-off Factor		0.15, 0.20, 0.25, 0.35
<b>General features</b>		
Power consumption (Max.)	W	22 (without CAM)
Connectors	Type	2x F female (RF)
Common Interface		2x PCMCIA CI slots
Dimensions (L.x W.x H)	mm	270x115x20
Operating temperature	°C	-5 ÷ +50 (without CAM)

(\*) Definitive specifications and module list may change without notice.