

▶ Multi-functional TS Descrambler GC-1818



Multi-functional TS descrambler GC-1818 is one of the most important devices in GOSPELL's new generation of DTV receiver and de-scrambler series. It supports ASI input, IP input, as well as different types of RF inputs, descrambles input streams then outputs to API or IP interfaces. GC-1818 can work as a DTV signal receiving and de-scrambling device in the head-end equipment room for DTV network operator. In Comparison with traditional single-channel TS receiver and descrambler, GC-1818 has much higher performance-to-price and is the best option of choosing receiving device for all DTV head-end systems.

Main Features:

- Support RF, ASI and GbE inputs
- Up to 4 channels TS (independent/cascading) de-scrambling
- Customized processing modes and output settings for input TS
- Real-time bit rate statistics and program information analysis for both input and output TS
- Maximum single PCMCIA card input bit rate: 72 Mbps
- Support up to four PCMCIA cards (independent/cascading)
- Support 32~48 programs de-scrambling
- Support ASI and GbE (UDP,7x188byte) outputs in MPTS/SPTS modes
- Maximum output bit rate: 1200 Mbps
- Maximum de-scrambling output bit rate: 280 Mbps
- Auto-save of user configuration
- Support device configuration import/export
- Support WEB/SNMP-based management
- Support online remote upgrade
- Power failure memory recovery

Technical Specifications:

RF Input (DVB-S/S2)	
Connector Type	4*F-Female [English]
Frequency Range	950~2150Mhz
Input EPL Range	-65~-25dBm
RF Input (DVB-C)	
Connector Type	F-Female [English]
Frequency Range	30~860Mhz
Output EPL Range	-20~+20dBm (64QAM)
ASI Input & Output	
Connector Type	BNC-Female
Input Impedance	75Ω
Data Format	188-byte TS packet
GbE Interface	
Connector Type	RJ-45
Output Bit Rate	≤850Mbps
Format	MPEG TS-over-IP
CAM Card Interface	
Connector Type	PCMCIA Card Slot
Numbers	4
Interface Standard	BISS I/E
Functionality	
De-scrambling Capability	32 ~48 programs
Maximum De-scrambling Rate	280Mbps
Management	
Connector Type	Ethernet 10/100 Base-T
Interface	RJ-45
Power	
Input Voltage Range	85~260V AC
Input Frequency Range	50/60Hz
Consumption	<15W
Environmental	
Operating Temperature Range	5°C-45°C
Storage Temperature Range	-25-85°C
Operating Humidity	10%-90%
Physical	
Dimensions (W x H x D)	483mm x 44mm x 300mm
Weight	5 Kg

For More Information

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