

COL5881B FTA QPSK Demodulator (ATSC/ISDB-T tuner)



Outline

COL5881B FTA QPSK Demodulator has all the functions of normal TS multiplexer, including programs multiplexing, PSI/SI editing, PID re-mapping, service filtering etc. Also the device can insert EPG (Electronic Program Guide), CA (Conditional Access) and data casting information into each output stream. This device has 2 separate ASI output ports and one GE port for two separate gigabit IP outputs. Therefore, the bit rate of output stream can be up to 216Mbps.

Features

- ✓ Fully complying with ISO13818 and EN300 468 standard
- ✓ Integrated demodulating and multiplexing functions
- ✓ 6 Tuners (DVB-C/DVB-S/DVB-S2 /DVB-T/T2/ISDB-T/ATSC Optional) input

- ✓ Support BISS descrambling (IN DEVELOPING)
 - ✓ 2 channels TS input for re-multiplexing
 - ✓ SPTS and MPTS code stream multiplexing
 - ✓ Support accurate PCR adjusting
 - ✓ Support PID filtering, re-mapping
 - ✓ Two groups (each group has 2 channels) separate TS outputs
 - ✓ Support TS over UDP output as mirror of ASI output (RJ45), GE Port
 - ✓ Support PSI/SI rebuilding and editing
 - ✓ Huge buffer memory for saving the overflowing code stream
 - ✓ Supporting to multiplex one program to all outputs
 - ✓ Alarming function
 - ✓ Network long-distance upgraded
 - ✓ With high reliability design and stability operation
 - ✓ LCD/keyboard and net management, support NMS/SNMP

Specifications

Input interface	2ASI+6 tuners (ISDB-T /ATSC /DVB-C /DVB-S /DVB-S2 /DVB-T /DVB-T2)
	8 ASI
Re-multiplex	2 channels TS re-multiplex
	PID re-mapping (auto/manual optional)



	PCR accurate adjusting	
	Automatic generating PSI/SI table	
Input	Packet format	204/188 self-adaption
Output port	ASI	2 groups separate outputs (each group has 2 channels)
	IP	TS over UDP output as mirror of ASI output (RJ45)
PID	Output range	0x0000—0x1FFF
	PID transparent	Any PID transparent and mapping achievable
	Amount of output PID per input	64
NMS port	Ethernet port	10/100M
General	Demission(WxLxH)	482mm×410mm×44mm
	Weight	6kg
	Temperature	0~45℃(operation) , -20~80℃(storage)
	Power supply	AC 110V±10% , 50/60Hz Or AC 220V±10% , 50/60Hz
	Consumption	18W