SUNNISKY PA2600 Portable Transport Stream & RF Analyzer

SUNNISKY PA2600 is one is a powerful and portable MPEG2/DVB TS (Transport Stream) & RF analyzer with small size. Connected with the server or computer via Ethernet port, it could be remote controlled and monitored TS and RF signal in order to make real-time TS signal analysis for MPEG2 Decoder and Encoder, Satellite TS decoder/Receiver/IRD, EPG, Re-multiplexer and DVB Scrambler, etc.; It also could measure RF signal of QAM DVB-C or DVB-S QPSK or DVB-T COFDM/DTMB Modulator including the parameters of Constellation, MER and BER, etc.,; And it could process data broadcast analysis, too.
Moreover, adopted embedded system structure with the high performance, it could realize the analysis of real-time or off-line TS, TS recording, TS transmission, etc. So it has wide application in every link of digital TV headend system to monitor and analyze the TS signals, and measure RF signal.

Features

- Complies the DVB&MPEG2 standards
- Real-time monitoring and analyzing on TS and RF signal of DVB-C, or DVB-S or DVB-T /DTMB (Optional)
- Record TS to hard disk of Server or Computer from its ASI or RF input interface
- Synchronous, original and PID (Max.100) selected as its recording mode
- Off-line TS analysis including PID, PES, Section and PCR data viewing, grammar parsing and data exporting
- PCR analysis including continuity, precision and interval, etc.
- PSI/SI deep analysis and real-time statistic for its time interval
- Network EPG Schedule and Event analysis and monitoring
- Real-time or off-line TS decoding
- Support 188 or 204 bytes packet length format
- Transmit the file of TS which has stored in the computer through ASI interface
- TS files can be intercepted, and transmitted/played directly as one setup rate and start location
- Support function of fault triggering and collection as the defined condition by user
- Error alarm of TR101290 and other type
- Parameters measure for one kind of RF signal from DVB-C or DVB-S or DVB-T/DTMB (Optional), and error alarm
- Analysis for data broadcast including data carousel, object carousel, grammar, and file download
- Automatically loop-through of TS and RF signal
- Demodulate RF signal from DVB-C or DVB-S or DVB-T/DTMB (Optional) and output TS signals via ASI interface
- One ASI input port, and one ASI output port with 270Mbps bit rate (Up to 100Mbps ASI payload bit rate)
- One RF input port from DVB-C QAM or DVB-S QPSK or DVB-T COFDM, and one RF output port
- One 100Base-T Ethernet network port which is up to 50Mbps payload data rate to support remote control and management

Note: All specifications are subject to change without notice.

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