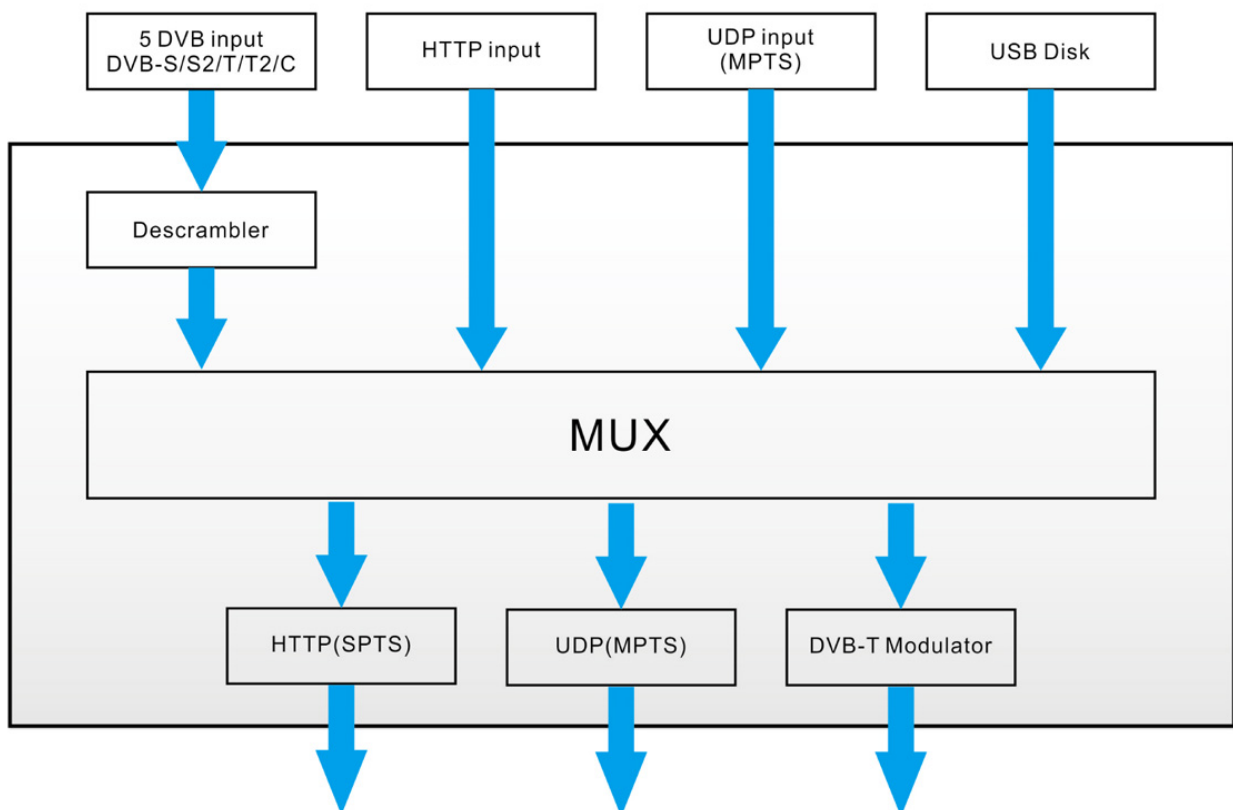
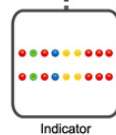


ST-8630 IPTV

This product is a digital TV program gateway device. It can collect encrypted/free satellite/cable/terrestrial channels, convert them into HTTP IPTV output, UDP multicast output, or directly into DVB-T/ISDB-T output. The output signal can be watched by IPTV/DVB-T/ISDB-T STB, or ISDB-T/DVB-T TV directly.

- Support 5 channels of signal input, each channel can be DVB-S/S2, DVB-T, DVB-C, ISDB-T mode
- Support output 4 channels DVB-T/ISDB-T signal, the frequency can be set freely
- Support IPTV input, unicast HTTP protocol, UDP multicast
- Support external USB and video files play
- Support HTTP protocol IPTV unicast output, can be played directly by network set-top box
- Support HDMI output interface for TV setting



| Input | | |
|--|-------------------------|---|
| 5 DVB-S/S2 FTA TUNER INPUT PORTS | | |
| 5 DVB-C/T/T2 FTA TUNER INPUT PORTS | | |
| 48 IP(SPTS/MPTS) input over UDP and RTP, RJ45, 1000M/100M | | |
| Unicast/Multicast | | |
| Tuner Section | | |
| DVB-S | Input Frequency | 950-2150MHz |
| | Symbol rate | 1-55Msps |
| | Signal Strength | -65-25dBm |
| | FEC Demodulation | 1/2,2/3,3/4,5/6,7/8,QPSK |
| DVB-S2 | Input Frequency | 950-2150MHz |
| | Symbol rate | QPSK 1-55 Mbauds |
| | | 8PSK 1~45Mbauds |
| | Code rate | QPSK 1/2,3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 |
| | | 8PSK 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 |
| Constellation | QPSK, 8PSK | |
| DVB-T/T2 | Input Frequency | VHF:170MHz~227MHz |
| | | UHF:470MHz~862MHz |
| | Babdwidth | 6M,7M,8M |
| | QAM Modes | 4, 16, 64, 256(with or without rotation) |
| FFT Sizes | 1K, 2K, 4, 8K, 16K, 32K | |
| DVB-C | Frequency Range | 54~862MHz |
| | QAM Modes | 16QAM, 32QAM, 64QAM, 128QAM, 256QAM |
| | Symbol Rate | 2000-7000 |
| ISDB-T | Frequency Range | 52.5-862MHZ |
| | QAM Modes | DQPSK,QPSK,16QAM,64QAM |
| | Bandwidth | 6M |
| | Code rate | 1/2,2/3,3/4,5/6,7/8 |
| Tuner Section | | |
| Mode 1, Mode E(Up to 850 Mbps) (descramble individual program) | | |

| Tuner Section | | |
|-----------------------|--|---|
| Maximum PID Remapping | 256 per input channel | |
| Function | PID Remapping | |
| | Accurate PCR adjusting | |
| | Generate PSI/SI table automatically | |
| Modulation | | |
| DVB-T | Standard | EN300744 |
| | FFT mode | 2K, 8K |
| | Bandwidth | 6M,7M,8M |
| | Constellation | QPSK,16QAM, 64QAM |
| | Guard Interval | 1/4, 1/8, 1/16, 1/32 |
| | FEC | 1/2, 2/3, 3/4, 5/6, 7/8 |
| | MER | 32 dB |
| | RF frequency | 100-862MHZ, 1 KHz step |
| | RF out | 4*RF COFDM DVB-T out (4 carriers combined output) |
| | RF output level | 100dbpV,±1 dB 75ohms |
| | Attenuator | -18 to 6 dB in 1 dB steps |
| ISDB-T | Standard | ARIB STD-B31 |
| | Bandwidth | 6M |
| | Constellation | QPSK, 16QAM, 64QAM |
| | Guard Interval | 1/32, 1/16, 1/8, 1/4 |
| | Transmission Mode | 2K, 8K |
| | MER | 32dB |
| | RF frequency | 54-862MHZ, 1KHz step |
| | RF output level | (69-100 dBpV), 1dbstep |
| System | | |
| Remote management | Web NMS | |
| Stream Out | 4*MPTS over UDP and RTP out (RJ45, 1000M/100M Unicast/Multicast) | |
| Language | English and Chinese | |
| Software Upgrading | Web and USB | |
| General | | |
| Dimension (W*D*H) | 210mm x 430mm x 43mm | |
| Weight | 3 kg | |
| Temperature | 0-45 °C (Operation); -20-80°C (Storage) | |
| Power | AC 100V - 240V ±10%, 50/60 Hz | |
| Consumption | 36W | |