

Advanced Transport Stream Recorder & Player

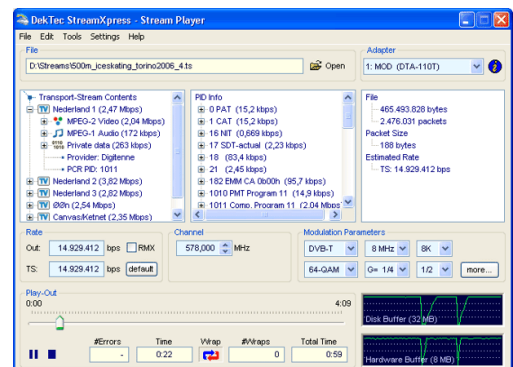
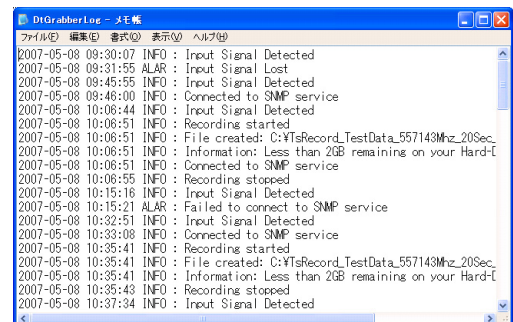
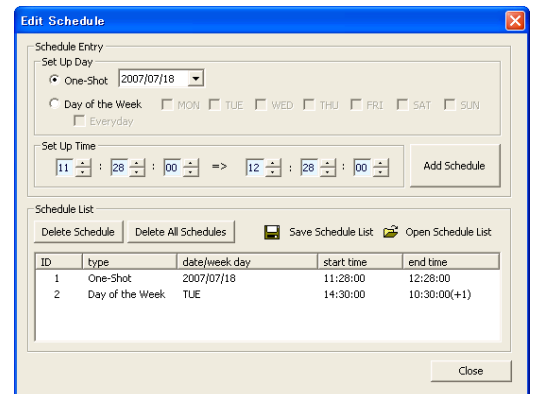
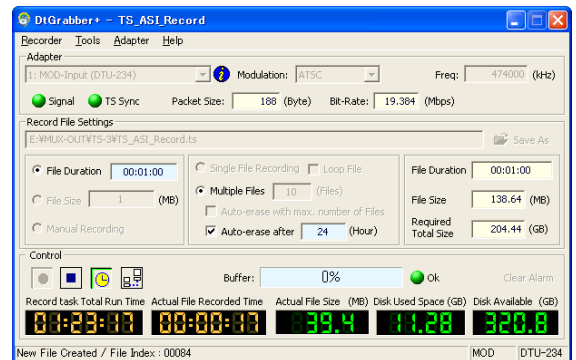
- Looped and scheduled recording
- PID filtering
- Remote control through SNMP
- Multiple input: ASI, TSoIP, RF

Features

- Recording of MPEG-2 transport streams or SDI signals
- Support multiple I/O ports: ASI(x1,x2,x4,x8,x16)
- Support TSoIP stream and real time RF signal recording
- Scheduled recording
- Multi-file functions:
 - Erase files older than X hours
 - Maximum number of files
 - Time stamp/index in file name
- Remote monitoring and control through SNMP
- Select PIDs to record, with range support, positive/negative filtering
- Record into single or multiple files
- Advanced looped recording of the last X seconds/minutes/ Hours
- SDI recording:8 or 10 bits, full frame or video only, Huffman compression on/off
- Limit record-file size based on:
 - Maximum duration, (e.g. record 60 sec)
 - Maximum size,(e.g. record 10GB)
 - Record until stopped
- Disk space monitoring
- Application message log and SNMP traps
- Merge tool for combining several files
- RF input option: DVB-T/T2/C/S/S2,ATSC
- TSoIP: UDP or RTP
- Options: Stream file play back through ASI, TSoIP, RF modulation – DVB,ATSC,ISDB

Applications

- General capturing tool
- Advanced recorder solution
- Archiving broadcast streams



Specifications

Parameter		Value
DVB ASI	Connector	BNC, 75Ω
	Return Loss	≥15dB(5~270Mhz)
	Rx/Tx Rate	0 ~ 214Mbps
	Max. no. of Ports	16, I/O direction configurable
GigE (IP Stream)	Physical	IEEE802.3ab
	Connector	RJ-45,10/100/1000M
	TS Rate Max.	600Mbps
	Protocol	UDP,RTP
	TSoIP & FEC	SMPTE-2022
TS File	.ts,.trp,.mpg MPEG-2 transport stream files compliant to IEC 13818-1	
RF	DVB-T/T2	In: 75Ω F connector x2
		Freq:50~860Mhz
		Bandwidth: 6,7,8Mhz
		Support SPLP & MPLP (T2)
	DVB-S/S2	In: 75Ω F connector x2
		Freq: 950~2150Mhz
		Symbol Rate: 1~45Msps
	DVB-C(QAM-A/B/C)	In: 75Ω F connector x2
		Freq:47~862Mhz
Symbol Rate: 5~7.1Msps		

Electrical and Mechanical

General	CPU: Intel Xeon E5630x2 2.53G RAM: 16G DDRIII HDD: SAS 4.7TB hot swappable 3.5" (12TB optional), GigEx2
Power Supply	AC: 570W, 100V~240V AC;
Size (2U)	86.4x 443.1x 680.7 mm (HxWxD)
Weight	26.1KG
temprature	0~40°C(operation) -20 ~ 60°C(Storage)
Humidy	5~90%@40°C,non-frozen

Ordering Information

Model	Description
SSG-x	Basic stream recorder with no.of x ASI/SDI ports
SSG-I-x	SSG-x plus TSoIP stream recording
SSG-R-x	SSG-x plus RF signal recording