

# KSDC920-C StreamGuard CA Embedded Digital Cable Receiver



## Features:

- \* Fully DVB & MPEG-2 compliant
- \* Powerful single chip STi5105
- \* Sumavision streamguard CAS system support
- \* wide screen 16:9 and normal 4:3 Aspect Ratio
- \* Forcible PAL/NTSC/SECAM conversion/ auto-recognizing
- \* 7 Days Electronic Program Guide(EPG)
- \* Program memorize function when shut down and circuit break
- \* Subtitle and Teletext (VBI & OSD) Supported
- \* Bandwidth of 6MHz /7MHz/8MHz Supported
- \* Linking the equipments to update via RS232 serial port or head- end system
- \* Automatic software upgrade service
- \* Powerful Edit (Rename, Sort, Favorite, Delete, Skip, Lock, Move)
- \* Parental & Channel Edit Lock
- \* Auto-search and manual-search supported

### MAIN SYSTEM RESOURCE

CPU/Decoder	STi5105
CPU Speed	200 MHz
Flash Memory	2M Bytes
SDRAM	16M Bytes SDRAM
EEPROM	-

### CONDITIONAL ACCESS INTERFACE

PCMCIA	-
Smart Card Reader	One Smart card reader for embedded CAS

### CHANNEL DECODING

Waveform	QAM
Symbol rate	2.0-7 MS/s

### DEMULTIPLEXER

Standard	ISO/IEC 13818-1
Input Max. Bit Stream Rate	72 Mbps

### VIDEO DECODING

Standard	ISO/IEC 13818-2, MPEG-2 MP@ML
Aspect Ratio	4:3; 16:9
Video Resolution	720 x 576 (PAL), 720 x 480 (NTSC)

### AUDIO DECODING

Standard	ISO/IEC 13818-2, MPEG-2 MP@ML
Decoding	MPEG -1 & MPEG-2 Musicam Layer 1, 2
Audio Mode	Single Channel /Dual Channel/Joint Stereo / Stereo
Sampling Rate	32, 44.1 & 48 KHz

### AV OUTPUT

Video De-emphasis	CCIR REC. 405-1, 625 LINES
Video Bandwidth	5.5MHz
Video Output Impedance	75 Ohm
Video Output Level	1.0 Vp-p
Audio Output Frequency	20Hz ~ 20KHz
Audio Output Impedance	Low

### FRONT PANEL

Ir Receiver	38KHz
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### REAR PANEL

RF Input	F-type, connector
Loop Through Output	F-type, connector
RCA Output	4 RCA( 1 Left Audio, 1 Right Audio, 1 Video, 1 Digital Audio (optional))
RS232 Serial Port	DB-9 Female, 115.2 Kbps
SCART(*optional)	1 TV OR 2 (VCR, TV)

### RCU

Category	IR (Carrier 38KHz)
Battery	2 x 1.5V

### POWER SUPPLY

Input Voltage	AC 100 -240 Vac. 50 HZ/60HZ
Power consumption	Max. 30W

### AMBIENT

Operating Temperature	+5 °C - +50°C
Storage Temperature	-40°C - +65°C

