

Cable

Common Interface

# Easy Digital.

## CI-5100C

DIGITAL CABLE RECEIVER

**HUMAX CI-5100C  
is capable  
of interfacing  
CAMs of DVB  
Common Interface  
Standard.**

Cable



Common Interface for VIACCESS™, Conax,  
CryptoWorks(TM), Nagravision, Irdeto and more.

MPEG-2 Digital & Fully DVB Compliant.

Capable of interfacing the CAMs of DVB Common Interface Standard.

Input Frequency 47 - 862MHz, Symbol Rate 1.5 ~ 7 Ms/s.

Supports 16, 32, 64, 128 and 256 QAM Constellation.

1 RF Input and Loophrough Signal.

Max. 4000 channels. (TV & RADIO Programmable)

Capable of delivering Dolby Digital Stream to Dolby Digital Encoders through S/PDIF.

S/PDIF Digital Audio Output for Digital Amplifier or DAC.

Supports user friendly OSD and easy Main Menu.

Displaying fantastic Electronic Programme Guide(EPG) & Information Plate.

MPEG/MusiCam Layer I and II, CD Quality Audio Sound.

16 Colors On-Screen Display.(256 colors optional)

Plug & Play Self Installing Programmes by Automatic Scanning.

Supports Letterbox Subtitle(DVB A009) and Teletext(DVB ETS300 472) by VBI insertion.

Parental Control is available which is supported view-controlled by Control Access System.

Switching Time less than 1 sec.

# HUMAX

## Conditional Access Interface

PCMCIA 2 Slots, type I or type II  
DVB Common Interface Standard

## Tuner & Channel

RF Input Connector IEC 169-2, Female  
Frequency 47 MHz to 862 MHz  
Level -13 dBmV to + 15 dBmV

RF/Loop through Output Connector IEC, Male

Demodulation QAM  
Input Symbol Rate 1.5 - 7 Ms/s  
Constellation 16,32,64,128,256 QAM

## MPEG Transport Stream A/V Decoding

Transport Stream MPEG-2 ISO/IEC 13818  
Transport stream Specification  
Profile Level MPEG-2 MP@ML  
Input Rate Max. 60 Mbit/s  
Aspect Ratio 4:3, 16:9  
Pan & Scan, Letterbox  
Video Resolution 720 x 576  
Audio Decoding MPEG/MusiCam Layer I & II  
Audio Mode Single channel / Dual channel  
Joint stereo / Stereo  
Sampling Rate 32, 44.1 and 48KHz

## Memory

Main Processor TMIPS R3930 (81MHz)  
Flash Memory 4 Mbyte  
Graphic DRAM 4 Mbyte

## A/V & Data In/Out

TV SCART Video Output (CVBS, RGB, S-VHS)  
Audio Output  
(Resolution : 20 bits DAC, Max. 2 Vrms)  
VCR SCART Video Output (CVBS)  
Video Input (CVBS, RGB, S-VHS)  
Audio Output  
(Resolution : 20 bits DAC, Max. 1 Vrms)  
VIDEO RCA/Cinch, Video Output (CVBS)  
AUDIO R/L RCA/Cinch Volume and Mute Control  
(Resolution : 20 bits DAC, Max. 2 Vrms)  
S/PDIF Digital Audio Output, Fiber-Optic  
(Resolution : 20 bits)  
RS-232C Transfer rate 115 Kbps  
9 pin D-sub Type

## RF-Modulator (Optional)

RF-Connector 75Ω, IEC 169-2, Male/Female  
Frequency 470 MHz to 860 MHz  
Output Channel CH21 - 69 for the Remodulator  
TV standard PAL B/G/I/D/K selectable by Menu  
Preset Channel CH36 (or TBD). Software  
changeable by Menu  
Test Pattern Vertical Black/White Bars

## Power Supply

Input Voltage 190 to 250 VAC, 50 Hz/60 Hz  
Type SMPS  
Power Consumption Max. 35W  
Standby Power ≤11W  
Protection Separate internal fuse  
The input shall have lightning  
protection

## Physical Specification

Size (W x H x D) 370 x 60 x 280 mm  
Weight (Net) 2.8 Kg

\* Specifications and functions may be changed for improvement without notice in advance.

