



Scena™ 5 Advanced PVR-ready HD Receiver Platform

The Scena 5 Series is an advanced Satellite, Terrestrial and Cable multiformat High Definition Set-top Box platform for the European markets. Uncompromising in its ability to deliver exceptional audiovisual quality, the platform is packed with support for the leading edge digital TV standards and connectivity technologies including MPEG-4 AVC, H.264, XViD, Dolby Digital, MP3, HDMI, HDCP and USB 2.0.

All Scena 5 Series products support watching High-Definition or Standard-Definition programmes at the best possible quality and feature an auto setup wizard that makes it easy for you to configure, use and connect to the latest display technologies. In addition, the products can output High Definition content to a HDMI display and simultaneously output a re-formatted Standard-Definition to a second TV or VCR. All Scena 5 products are PVR-ready and provide enhanced recording and library capabilities when used with an external USB2.0 Hard-Drive. The high speed Ethernet** connection used for in-home connectivity enables sharing of photos, music and streaming when connected to home PC.

The unique design allows vertical or horizontal mounting and integrates with the latest trends in home audiovisual equipment.

Available Models:

IDL 5530C (Cable) IDL 5550S (Satellite)
 IDL 5540T (Terrestrial) IDL 5570C (Cable-Conax)



TV recording & playback
 Pause live TV
 Scheduled recording
 Bookmarks & Video editing
 Play mp3, JPEG, MPEG2,4
 Media library



Additional Features

- Full HD support
- 6000 TV/Radio Channels
- 10 digit VFD
- Electronic Program Guide (7-Days EPG)
- JPEG & MP3 playback
- Multilingual display system (inc. Russian & Nordic)
- Parental Lock
- Wide screen support 16:9, 4:3 and Letterbox
- Subtitles & Teletext
- Sleep Timer

Technical Specifications

General information

- High Definition and Standard Definition compatible
- PVR ready
- File sharing over home networks (Optional)
- CI slots: 2, DVB-CI compliant
- CA slots: 1 (Conax – optional)
- Number of channels: 6000
- Number of favorite list: 8
- EPG: Extended electronic program guide – 7-days based on SI information
- JPEG and MP3 decoding

Satellite Front-End

- Modulation: DVB-S/S2
- Input connector: F-connector (with Loop-through)
- Frequency range: 950-2150 MHz
- Symbol rate range: 1-45 MSym/s
- Input level: - 25 to - 65 dBm
- LNB voltage: 13/18V max 400 mA
- Tone control: 22 kHz
- DiSEqC: 1.1, 1.2, USALS, Unicable™

Terrestrial Front-End

- Input connector: IEC169-2, Socket
- Loop Through Output connector: IEC169-2, Plug
- Input frequency range: VHF, UHF - 177.5 ~ 858 MHz
- Modulation type: QPSK, 16 QAM, 64 QAM
- Channel Bandwidth: 7, 8 MHz
- Nordig compliant
- Antenna Power: 5V@30mA nominal with overload current protection

Cable Front-End

- Input frequency range: 47 ~ 862MHz
- Output (loop-through) frequency range: 47 ~ 862MHz
- Impedance: 75 ohm
- Standards: DVB-C (ETS 300 429)
- Demodulation type: QAM 16/32/64/128/256
- Channel bandwidths: 8MHz
- Symbol Rate: Up to 6.952MBaud
- Supported FEC: Reed Solomon
1/4, 1/8, 1/16, 1/32

System

- MPEG2, MPEG4/AVC decoder / Clock: 266MHz
- Flash memory: 16 MB
- System memory: 64MB
- Video memory: 64 MB

Video decoding

Data speed MPEG2 MP@HL, MP@ML, MPEG4 AVC high profile level 4.1
 Max resolution 1920 × 1080
 Supported resolutions 1080i, 720p, 576p
 Standard PAL
 Aspect ratio: 4:3 and 16:9, Automatic adjustment for 16:9 TV sets, Letter Box supported

Audio decoding

Mono, Dual channel, Stereo, Joint Stereo, MPEG1, MPEG2, mp3
 Digital Audio - via S/PDIF interface (coaxial and optical)
 Dolby Digital passthrough
 PCM data output

Serial Port

- RS232C: Transfer rate 115,200 bps

High Speed Data interfaces

- USB2.0 High Speed Host port

Software Upgrade

- Download Through RS-232, USB or Ethernet
- OTA Download (ASTRA 19.2E)

Rear panel Interfaces

- Front-End: Input connector: IEC169-2, Socket (F-connector for Satellite front end)
Loop Through Output connector: IEC169-2, Plug

- TV SCART connector: CVBS (input & output), RGB/YUV (output)
L&R Audio (input & output)
S-Video (output)
Fast Blanking (output)
Slow Blanking (output)

- VCR SCART connector: CVBS (input & output), RGB (input)
L&R Audio (input & output)
S-Video (output)

- Digital Audio SPDIF: 1 * Coaxial, 1 * Optical
- CINCH (RCA): Audio – L&R, Video – CVBS
- YPbPr (component video)
- HDMI with HDCP
- USB host socket (Type A)
- Ethernet RJ45 (Optional)
- Serial Port: RS-232C (Female, DB-9)
- Blucom antenna (optional)

Front panel

- Standby, Channel up and Channel down buttons
- 10 digit VFD display
- 1 Standby LED Indicator
- 1 IR Sensor
- 2 CI Slots
- USB: host socket (Type A)

Power requirements

- Mains input voltage: 90 to 260 V~
- Mains input frequency: 50 / 60 Hz
- Power consumption: Max: 37W

Physical Specification

- Size (W * H * D): 280 * 190 * 45
- Operating temperature: +5°C to +40°C
- Storage temperature: -20°C to +60°C

Accessories

- Remote Control unit
- Number of Batteries: 2
- User's Manual: English, German, French, Turkish, Dutch
- A/V Cable: 1 SCART to SCART cable, 1 HDMI cable (option)
- Stands for vertical mounting

Regulatory compliance

- Compliant to CE: 89/336/EEC (EMC)
73/23/EEC (low voltage directive)

- ROHS compliant



For purpose of brevity, some product descriptions in this sheet remain at platform level and may not be referred to as detailed datasheets of the products. Inverto Digital Labs reserves the right to amend, omit or add products, product-lines, and/ or features without notice.