



## Scena 2 Advanced Standard Definition Receiver Platform

The **Scena 2** is an advanced series of standard definition Set top boxes. They incorporate unique product design and a rich set of functionalities addressing cost, design and quality conscious consumers. The Scena 2 is a fully featured DVB satellite, cable or terrestrial product range designed for the various European market requirements providing superb picture and sound, multilingual and easy-to-use graphical user interface, teletext, subtitles, two common interface slots as well as a smart card reader with an optional embedded Conax support allowing access to free and pay TV programs. With its robust channel search engine and intuitive electronic program guide (EPG), it has never been easier to keep your set-top-box up to date with available services on air and track your favorite programs. The unique design features a VFD display for enhanced comfort and integrates with the latest trends in home audio-visual equipment.

**Hi-Fi** (S)   
STEREO AUDIO

**7 DAYS**   
EPG

**10 Digits**   
display VFD

**WIDE**   
SCREEN FORMAT 16:9

**6 FAVORITE**   
LISTS

**PLUG & VIEW** 

### Available Models:

IDL 2060 S	{Satellite FTA, 10 digit VFD, 12/24V}
IDL 2065 T	{Terrestrial, 10 digit VFD, 12/24V}
IDL 2260 S	{Satellite, 2xCI, 10 digit VFD, 12/24V}
IDL 2130 C	{Cable Conax, 1xCI, 1xCA, 7 Segments}

  
UNICABLE  
TECHNOLOGY

## Additional Features

- 10 digit VFD or 7 Segments display
- Plug & view with pre-programmed channel lists
- Fast and exhaustive satellite scan
- Automatic channel update - LCN support (Terrestrial)
- 6 Favorite lists with powerful editing tool
- 4,000 TV & Radio channels
- DVB Teletext & Subtitling
- Multilingual (6 languages) OSD
- GREEN PRODUCT: low-power standby mode
- DiSEqC 1.1, 1.2 and Unicable\*

\*on satellite models

# Technical Specifications

## Satellite inputs

- Standard DVB-S
- Modulation QPSK
- Input and loop through connectors F type connector
- Frequency range 950-2150 MHz
- RF impedance 75 Ohms
- Symbol rate range 1-45 MSymbol/sec
- FEC: auto 1/2 2/3 3/4 5/6 7/8
- Input level -25 dBm to -65 dBm
- LNB voltage 13/18V max 400 mA
- Tone control 22 kHz
- DiSEqC 1.0, 1.1, 1.2, Unicable™ (CENELEC prEN50494)

## Terrestrial inputs

- Frequency Bands VHF and UHF
- Standard DVB-T (ETS300744) compliant
- FFT length 4 K, 8 K
- 1/4, 1/8, 1/16, 1/32 guard interval length
- QPSK - 16 QAM - 64 QAM constellations
- Hierarchical capability
- Supported puncture rates - 1/2, 2/3, 3/4, 5/6, 7/8
- Channel Bandwidth 7 and 8 MHz
- Antenna Power 5 V, 30mA
- VHF - UHF loop through connectors

## Cable inputs

- Input frequency range - 47 ~ 862MHz
- Output (loopthrough) frequency range - 47 ~ 862MHz
- Impedance - 75ohm
- Standards - DVB-C (ETS 300 429)
- Demodulation types - QAM 4/16/32/64/128/256
- Channel bandwidths - 8MHz
- Symbol Rate Up to 6.952Mbaud
- Supported FEC Reed Solomon ITU-J83 A,C compatible

## Video decoder

- Data speed MPEG2 MP@ML
- Supported resolutions 576p, Standard PAL
- Picture auto 4:3 and 16:9 support

## Audio decoder

- Mono, Dual channel, Stereo, Dual Mono
- MPEG layer I and II, musicam
- 32, 44,1 and 48 Khz sample rate
- PCM mixing with internal source
- Dolby Digital Loop Through via SPDIF(Optical) interface

## Conditional Access

- Common Interface 2 slots, DVB-Common Interface standard (Viaccess, Irdeto, Cryptoworks, Conax, NagraVision, ...)
- 1 x Smart Card Reader (ISO 7816) in specific models

## Audio and Video interfaces

- TV and AUX SCART
- RGB, CVBS, Audio
- 1 x RCA for composite video
- Audio output: Hi-Fi (analogue) 2 x RCA S/PDIF (digital) Optical TOS Link

## General data

- VFD display, On/Off LED, three front panel buttons for Standby, Channel up and Channel down.
- Power Supply 100-240 V, On/Off switch, Max 25 W (12/24VDC input in specific models)
- RS232 serial communication port
- Dimensions 260 x 190 x 45 mm
- Operating temperature: +5°C to +40°C
- Storage temperature: -20°C to +60°C

## Software Upgrade

Upgrade via RS232, or Over the Air download ASTRA 19.2°E

## Accessories

- Remote Control unit with 2 batteries
- User's Manual: English, German, French, Spanish, Dutch
- One A/V SCART Cable

## 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.

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