

ELIUM

IRD 1080 movieNET

HD
TV

DVB-S/S2 SATELLITE DVB-C/C2 CABLE DVB-T/T2 TERRESTRIAL



High Definition Integrated Receiver Decoder with highest requirements for quality and excellent HDTV and Radio reception capabilities. The **IRD 1080 movieNET** is equipped with a receiver for DVB-S/S2 or DVB-C/C2/T/T2 and **two integrated Common interface** slots for decoding different Conditional Access Modules for decrypting Pay-TV channels.

The **integrated Ethernet and RS-232 control option** give the option to control the **IRD 1080 movieNET bidirectional** and enables an optimal integration into existing control systems. The Ethernet and RS-232 interface grand the user to consult program name (program logo), program information, EPG information ect..

The existing **videoconnectors** with **BNC 75 Ω** execution a durable, safe and secure connection option. The decoder is equipped on the front panel with an **RS232 and USB-B** connection for technical support.

The devices are designed with **high quality components for continuous operation** and are **designed and produced in Germany**.

Features:

- Multiformat MPEG-2/-4 /H.264/VC-1 Video Decoder
- SD/HD - MP@HL, MP@ML, MP@LL, SP@ML, AVC HP@L4.1, VC-1 AP@L3 und MP@HL
- DVB-S/S2, or DVB-C/C2/T/T2 / **ATV (AnalogTV) optional / Dual-Tuner combined optional**
- Resolution- 1080i/p 720i/p / SD-576i (SD upscaling to 1080i/p) at all digital videoconnections
- VideofORMAT 4:3 / 16:9 / **21:9 optional**
- 2 Common Interface Slots for Conditional Access Module like Alphacrypt (SKY,DRF), Conax, Irdeto Nagravision, Viaccess ... **CardReader optional**
- Graphical Display 192 x 32 Points shows all the important technical information, such as name of transmitter and broadcast, image resolution, format, AudioPID, antenna signal: quality, strength ect. All settings are adjustable via display and keyboard / **remote control optional**
- Bidirectional control via RS-232 / Ethernet / **WLAN via USB-Stick optional**
- Update via front-USB, Ethernet und WebServer
- ChannelLOGOS, Channelnames ect. edited via **BoxEdit** PC-Software
- Wallpapers interchangeable (Welcome, adoption picture)
- OSD colors RGB (256) tunable
- TeleText, DVB Subtitling, EBU Teletext Subtitling
- Thermo-controlled fan (power supplies and system)
- EPG - Electronic Program Guide - with event information for 14 days
- SNMP control
- Webservercontrol
- Service button in front / back for commissioning of several devices
- HDMI-AUDIO selectable: L / R or AC3
- Delay for AUDIO / VIDEO adjustable
- Audio level can be set for each program
- Sending messages
- Program switching time <1sec.
- **Redundant power supply optional**
- **eSATA- connection optional**

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■ ■ ■ Made in Germany

Technical Data

<p>Input options SAT or Cab/TER</p>	<ul style="list-style-type: none"> • DVB-S/S2: EN 300 421/ EN 302 307 Frequency range: 950 - 2150 Mhz F-Connector / 75 Ω impedanz Symbol Rate area: 1 - 45 Msyms DiSeqC: 1.0, 1.1, 2.0.
<p>DUAL combined optional</p>	<ul style="list-style-type: none"> • DVB-C: EN 300 429 /C2: EN 302 769 /T: EN 300 744 /T2: EN 302 755 QAM: 16, 32, 64, 128, 256 QPSK, 16 QAM, 64 QAM, 256 QAM, F-Connector / 75 Ω impedanz Frequency range: 48 - 862 Mhz Symbol Rate area: 4 - 7 Ms/s
<p>Conditional Access</p>	<ul style="list-style-type: none"> • 2x DVB CI Slots: EN 50221 for CAMs Alphacrypt (SKY, ORF), Aston, Conax, Cryptoworks, Irdeto, Nagravision, NDS, Viaccess... <p>Card Reader optional</p>
<p>Control</p>	<ul style="list-style-type: none"> • Frontpanel • IR remote control optional • RS-232 control - 9pol. D-Sub socket (Front- & Rückseite) • Ethernet 100 Mbit - IEEE 802.3 • WebServer • SNMP • WLAN optional
<p>Information</p>	<ul style="list-style-type: none"> • Frontpanel graphical Display 192 x 32 Points • EPG with Event Information (Provider-dependent) • DVB Subtitling support (Provider-dependent) • Device Information • OSD inklusive CA informationen, audio and video informations, receiver status, service informations...
<p>Output- option</p>	<ul style="list-style-type: none"> • Video HDMI - 1080i/p - 720p - 576i - (HDCP switched off) Audio L/R or AC3 embedder • RGB-HV / Y,Pb.Pr - D-Sub 15pol. - 1080i/p - 720p - 576i optional • CVBS 1 x BNC 75 Ω optional • Y-C - 2 x BNC 75 Ω optional • Format: SDTV, HDTV, PAL, SECAM, NTSC, Decoding: MPEG-2/-4, H.264, und VC-1 HD Video Decoder MPEG-2 MP&HL,MP&ML,MP&LL,SP&ML,AVC HP&L4.1,VC-1 AP&L3,MP&HL • Image format: 4:3, 16:9, 21:9 optional Multifeed Option (SKY, Conferencing, camera perspectives) • Audio Audio Analog Stereo unbalanced- 2 x RCA 75 Ω Digital output unbalanced S/PDIF - 1 x RCA 75 Ω optional • Decoding: MPEG1, MPEG2 Layer I und II, WMA bit-Streams, Mpeg-1 layer 3 (MP3) Language selection option (Provider-dependent) AC3-decoder (Dolby-decoder) optional • Power supply Power supply 110 - 240 V AC Redundant power supply optional • Technical connection USB 2.0 for update in the front area RS-232 for support in the front area
<p>Physikal</p>	<ul style="list-style-type: none"> • Dimensions: 19" 1U (485 /440 x 275 x 44 mm) • Weight: 3,6 Kg • Voltage: 110 - 240 V AC • Absorption 25 W max • EMC: EN 50083-2 • Security: EN 60950-1 • Environment: ETSI EN 300019-1-3 Class 3.1

ver.2.4