

**SATELLITE TV**



**WI-FI READY**

**WEB TV**



**ETHERNET**

**HEVC  
H.265**

**DVB-S2  
SATELLITE**

**FullHD  
1080P**

**PVR  
READY**

**COMMON  
INTERFACE**

**CONVEX CARD  
READER**

**HD MEDIA  
PLAYER**

**SMALL2BIG**

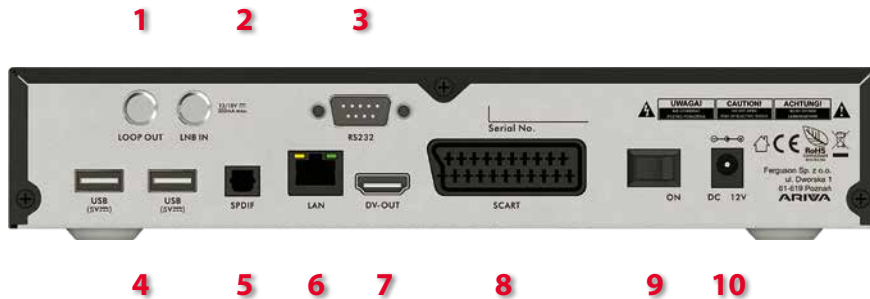


## Satellite television

- Receive high definition Full HD channels
- Support for MPEG-2, MPEG-4, AVC/H.264, HEVC/H.265 standards
- Support for SD, HD and FullHD video content
- Teletext and subtitles support
- Network services (movies, radio, etc.)
- MPEG-1 layer decoding I/II, PCM downmix, IEC958 S/PDIF, Dolby 5.1 channel, Dolby downmix 2 channel, Dolby Prologic 2
- Full support for DiSEqC 1.2, 13/18V, 0/22K, LNB
- Card reader for pay TV
- CI/CI+



## Inputs/Outputs



1. LOOP Out
2. LNB In
3. RS232
4. 2 x USB 2.0
5. S/PDIF
6. Ethernet
7. DV-Out
8. SCART
9. On/Off
10. DC In

## Technical Specification

### Main Chipset

- CPU frequency: 594MHz
- Flash Memory: 1PC 16Mbyte FLASH
- SDRAM Memory: 1PC 128Mbyte DDR3

### DVB-S/S2 Tuner

- Tuner Type: EARDATEK EDS-10830FF0VG
- Frequency Range: 950 ~ 2150MHz
- Input Impedance: 75Ω
- LNB Power and Polarization: Vertical 13VDC; Horizontal 18VDC @ 400mA (max) 22KHz±0.4KHz (0.6V±0.2V) tone, Overload Protection
- Input Level Range: -65dBm ~ -25dBm
- Loop-Through: Signal Loop Through

### DVB-S/S2 Channel Decoder

- DVBS Demod Standard: DVB-S, DVB-S2
- DVBS Demodulation: QPSK, 8PSK, 16APSK, 32APSK
- DVBS Symbol Rate: 2 ~ 90MSPS (Code Rate 1/2)
- DVBS Code Rate: 1/2, 2/3, 3/4, 5/6, 7/8 for DVB-S QPSK; 1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 for DVB-S2 QPSK; 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 for DVB-S2 8PSK; 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 for DVB-S2 16APSK; 3/4, 4/5, 5/6, 8/9, 9/10 for DVB-S2 32APSK

### Hardware Features

- LNB IN: IEC 169-24, F-Type, Female
- LOOP OUT: IEC 169-24, F-Type, Female
- S/PDIF: Optical S/PDIF
- HDMI: 19 PIN Female HDMI 1.3b
- Ethernet: RJ45 10/100M Ethernet Interface
- USB: 2 x USB 2.0
- RS232: RS-232
- TV SCART: 21 PIN Female, CVBS, RGB, Audio L/R
- DC IN: 12V/1.5A DC IN

### TS Demux

- Demultiplexer: MPEG2 ISO/IEC 13818-1
- Input Bit Rate: Max 100Mbit/s

### Video Decoding

- Video Decoding: MPEG1 ISO/IEC 11172-2, MPEG2 ISO/IEC 13818-2 MP@ML, H.264(MPEG4 part 10) main and high profile level 4.1/MPEG-2 MP@HL, HEVC main profile @level 4.1, main 10 profile @level 4.1
- Aspect Ratio: 4:3, 16:9
- Video Resolution: 1920×1080, 1280×720, 720×480

### Audio Decoding

- Audio Decoding: MPEG-1 layer/I, PCM downmix, IEC958 S/PDIF, Dolby 5.1 channel, Dolby downmix 2 channel, Dolby Prologic 2
- Sound Mode: LEFT/RIGHT/STEREO/MONO
- Sampling Frequency: 32KH, 44.1KH, 48KH

### AV Output

- Video Bandwidth: SD: 5.0MHz(-3dB), HD: 30MHz(-3dB)
- Video Impedance: 75Ω
- Video Voltage Level: 1.0 Vp-p
- Audio Frequency Range: 20 ~ 20KHz
- Audio Impedance: 600Ω
- Audio Voltage Level: 2V rms (5.6Vp-p)

### Environment

- Input Voltage: 12V DC IN
- Consumption: Max 18W
- Storage Temperature: -40°C ~ 60°C
- Operating Temperature: 0°C ~ 40°C
- Humidity: <95%



**EAN: 5907115003382**  
Packaging: **xx pcs**