

Sunrise TV Box UHD - Technical Specification



FRONT PANEL

- Bluetooth BLE 4.0
- 1 x white LED

REAR PANEL

- 1 x RJ45 10/100/1000
- 1 x SPDIF Optical
- 1 x HDMI 2.0
- 1 x DC Power input
- 1 x USB 3.0
- 1x WPS button
- 1x Reset button Pin-hole access long press

POWER SUPPLY

- 2,5A 12V external wall plug power supply
- Main supply voltage 220-240 V ~50 Hz

MECHANICAL

- STB colour : white mat
- STB size : 170 x 170 x 25 mm
- STB operating temp : 0°C to +40°C
- Humidity Operational Range: 5% to 90%
- Storage temp: -25°C to +65°C

TRANSMISSION STANDARDS

- IP, WIFI, BLE , MPEG-2, MPEG-4, H.264, H.265

DATA PORTS

- 1 x RJ45 (Ethernet 10/100/1000 Base T)
- Fully integrated IEEE 802.3/802.3u/802.3.az
- 10/100/1000 base T- Physical layer
- Auto-negotiation 10/100/1000, Full/Half Duplex
- 1x USB 3.0

PROCESSOR AND MEMORIES

- Processor: BRCM7252S (12 000 DMips)
- RAM memory DDR3: 2GB
- Flash: NOR 4 MB
- NAND SLC 512 MB
- eMMC 8GB for Timeshift

WIFI

- Processor: QV940
- Client, 802.11ac/n 5GHz
- 2x4 antennas (2TX, 4RX)

OUTPUT RESOLUTION / FORMAT

- Resolution for 4K/HD broadcast:
- 3840x2160p @ 24/30/50/60Hz
- 1920x1080p @ 50/60Hz
- 1280x720p @ 50/60Hz
- 1920x1080i @ 25/30Hz
- 3D 1080p60 compatible
- Pan and Scan, Letter box

HDMI OUTPUT

- HDMI 2.0 and HDCP 2.2
- Video: RGB 4:2:2 and 4:4:4
- YUV422 YUV420
- Color space : BT.709 and BT.2020

VIDEO DECODING

- MPEG2
- Standard MPEG-2 MP@HL for 50Hz
- Input rates (max):40 Mbit/s per video flow
- MPEG-4 Part 10 / H.264
- MPEG-4 AVC HP@L4.2 (HD) to 60HZ and HP@ 5.1 (UHD) to 30Hz
- Input rates (max): 40 Mbit/s per video flow for HP@L4
- MPEG-4 AVC HP@L3 (SD)
- Input rates (max): 10 Mbit/s per video flow for HP@L3
- CABAC and CAVLC decoding
- 3D MVC support
- HEVC ISO/IEC 23008-2
- H265/HEVC
- VP9

AUDIO OUTPUT

- Hi-Fi audio output
- Adjustable audio level
- Mono/stereo in case of MPEG1 layer II,
- Two channels down mixed in case of AC3, E- AC3 audio stream
- S/PDIF
- Two channels PCM in case of MPEG1-layer II stream,
- Two channels PCM downmix in case of AC3 / E-AC3 streams

ACCESSORIES

- HDMI high speed cable – White (1.5m)
- RJ45 CAT5E cable – White (3m)
- External Power Supply Unit (meeting CoC and EU efficiency class)