



Technical specification

HARDWARE

SOC & Memory

- SOC : Hi3798MV200
- Flash : 4GB eMMC
- RAM : 1GB DDR3

Wi-Fi Module

- 2T2R, IEEE 802.11ac dual-band Wi-Fi & Bluetooth4.0 Combo (optional)

Video Formats

- H.265/HEVC Main 10 profile@level 5.1 high-tier
- H.264/AVC BP/MP/HP@level 5.1, H.264/AVC MVC
- VP9 decoding, Maximum 4K x 2K@60 fps 10-bit
- VP6/8
- Real 8/9/10
- DivX3/4/5/6(optional)
- MPEG-1



- MPEG-2 SP@ML, MP@HL
- MPEG-4 SP@levels 0-3, ASP@levels 0-5, GMC
- VC-1 SP@ML, MP@HL, AP@levels 0-3
- WMV

Audio Formats

- MPEG-1 Layer 1, 2
- Dolby Digital, Dolby Digital plus (optional)
- AAC-LC, HE AAC V1/V2
- WMA

Resolutions

- UHDTV : 4Kp30, 4Kp60
- HDTV : 720p50, 720p60, 1080p30, 1080i50, 1080i60, 1080p60
- EDTV : 480p60, 576p50, 720i50, 720i60, 720p30, 720p60

Graphics

- 3D Graphics OpenGL ES 1.0/1.1/2.0/3.1, OpenVG 1.1
- Enhanced full-hardware 2D graphics acceleration engine
- High Dynamic Range 10 (HDR10)/Hybrid Log-Gamma(HLG)
- Hardware overlaying of multi-channel graphics and video inputs
- Three graphics layers
- Three video layers
- Screen mirroring
- Ultra-low-delay video processing
- Full-hardware anti-aliasing and anti-flicker

Security

- CGMS-A
- Macrovision(optional)
- HDCP on HDMI
- Verimatrix IPTV/OTT(optional)
- PlayReady(optional)
- Widevine L1(optional)

Front Panel

- 3 x LED : Power/Standby, Network, IR
- 1 x IR receiver





Rear panel

- Digital audio output (SPDIF)
- RJ45 10/100Mbps Ethernet port
- HDMI 2.0a
- Mini AV port
- DC input
- Power Button



Left panel

- 2 x USB 2.0



Right panel

- 1 x Micro SD card port



Physical information

- Dimension (mm) : 105 (L) x 105 (W) x 22(H)
- Operating temperature : 0°C to 40°C
- Storage temperature : -20°C to 70°C
- Storage Humidity : 5%-95%
- Operating Humidity : 10%-90%



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UHD PALM STB - A331

Accessories

- 1 x IR Remote Control
- 2 x AAA Batteries
- 1 x Network Cable : 1m
- 1 x HDMI Cable : 1m
- 1 x Mini-CVBS Cable : 1m



Power Supply

- Input : 110V-220V 50/60Hz AC
- Output : 12V 1A

SOFTWARE

OS

- AndroidN/O or Linux

Middleware

- Hybroad Trinity/Archimage SDK