

ENTONE KAMAI 500

HYBRID MEDIA PLAYER

FEATURES

- Optimized for digital video broadcast and streaming media services (OTT)
- Easily integrates with existing in-home networks and broadband services
- Optional ATSC, QAM, or ISDB-T tuner for broadcast reception
- Whole-home wireless HD video distribution with Wi-Fi options
- Energy efficient with DeepSleep™ to reduce power consumption up to 99% in standby mode
- Continuous video delivery with adaptive bit-rate streaming
- Cloud-based applications for a connected home experience
- Digital tuner options for Hybrid deployments
- Ready-to-deploy Hybrid TV solution
- Supports legacy televisions

TECHNICAL SPECIFICATIONS

VIDEO FORMATS

- VC-1 Advanced Profile @ Level 3
- AVC/H.264 High Profile @ Level 4.1
- MPEG-2 Main Profile @ High Level
- MPEG-4 Part 2 Advanced Simple Profile
- DivX versions 3.11, 4.1, 5.X, and 6.X
- XVID
- MPEG-1/H.261/H.263
- AVS decode with support for AVS1-P2 Jizhun Profile @ Level 6.0
- MPEG still picture decode
- MVC

SECURITY

- AES, 1DES, 3DES, CPRM, CPPM, CSS, and DTCP copy protection algorithms and standards
- VB, ARIB, and DC2-compliant transport demux with 1DES, 3DES, DVB, Multi2, and AES descramblers



AUDIO FORMATS

- AAC LC, AAC LC+SBR Level 2, AAC HE Level 2, AAC HE Level 4
- Dolby Digital, Dolby Digital Plus
- MPEG I Layer 1, 2
- MPEG I Layer 3 (MP3) encode/decode
- Windows® Media Audio (WMA)
- WMA pro
- AAC HE 5.1 decode plus DTS 5.1 encode SPDIF output
- AAC HE 5.1 decode plus AC3 5.1 encode SPDIF output



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TECHNICAL SPECIFICATIONS

VIDEO OUTPUTS

- NTSC-M, NTSC-J, PAL-BDGHIN, PAL-M, PAL-Nc, SECAM analog outputs
- 480i/480p/576i/576p/720p/1080i/1080p output formats
- Component RGB or YPrPb output
- DCS support
- Rovi 7.1 support
- HDMI 1.4a with 3D format support

HYBRID TUNER OPTIONS

- ATSC
- QAM
- ISDB-T

ENERGY MANAGEMENT

- Power 7W maximum at 90-264VAC, 48-63Hz
- ENERGY STAR compliant

TYPE APPROVALS

- FCC Part 15, CEA-60065

NETWORKING OPTIONS

- Internal 802.11n (2.4 GHz) Wi-Fi
- External pre-802.11ac (5.4 GHz) Wi-Fi
 - Real-time Transmit Digital Beam Forming (MIMO)
 - Baseband 3Tx3R, up to 3 spatial streams
 - Client-to-client direct connection (TDLS)
 - Digital beam forming for up to 4.5db gain
 - Standards: pre-802.11ac, 802.11a, 802.11h, 802.11n, 802.11e, 802.11i
 - Wi-Fi Compliant: WMM, WMM-PS, WPA, WPA2, WPS
 - Encryption: AES, TKIP, WEP64/128
 - RF: 2.4GHz, 4.9GHz – 5.85GHz
 - Modulations: BPSK, QPSK, 16-QAM, 64-QAM
 - FEC: 1/2, 2/3, 3/4, 5/6
 - Max PHY Rate: 450 Mb/s

FRONT & SIDE PANELS

- Illuminated standby indicator (on/standby)
- IR receiver
- USB 2.0 Host Type A
- SD memory card
- Reset to factory



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BACK PANEL CONNECTORS

- Optical digital audio
- Mini DIN connector for composite/component video and stereo audio fan-out cable (included)
- HDMI 1.4a
- RJ-45 10/100 Base-T Ethernet with integrated status LEDs
- DC power

CPU & MEMORY

- Broadcom BCM7229
- MIPS4380 dual thread core 495MHz
- 512MB DDR3-1600
- 4MB NOR flash (secure boot ROM)
- 256MB NAND flash

MECHANICAL

- 1 x 4 x 4 in. (H x W x D)
- 5-35°C (40-95°F) operating temperature
- 30-95% relative humidity