



IPTV STB

KS6320



Kasda supplies advanced, interactive, digital set-top box optimized for IP-based telecommunications networks which is compatible with high definition (HD) and standard definition (SD) television transmissions across all industry standard compressions. This product provides performance enhancements such as fast channel change and swifter rendering of applications.



Networking & communication



The KASDA KS6320 creates additional revenue opportunities for the operator by supporting advanced IPTV functionality such as PVR, pause-live-TV and pushed content models. This advanced interactive IPTV Set-Top Box (STB) includes the ability to view recorded content either locally or via other connected STBs in the home. It also combines the benefits of low bit-rate codecs including MPEG-4 AVC (H.264) and offers the user the ability to drive High Definition (HD) displays via analogue and HDMI.

Features

- DVR FUNCTIONALITY INCLUDING TIME SHIFT, RECORDING AND VIEWING SEPARATE PROGRAMS, AND INSTANT OR SCHEDULED RECORDING.
- SUPPORTS FEATURE-RICH APPLICATIONS AND GRAPHICS.
- SUPPORTS DIGITAL TV FUNCTIONALITY, INCLUDING ELECTRONIC PROGRAM GUIDE (EPG), VIDEO ON DEMAND (VOD), AND MULTICAST TV.
- SUPPORT FOR SECURE DIGITAL RIGHTS MANAGEMENT (DRM) WITH INTEGRATED SECURE ROCESSOR.
- HIGH-DEFINITION MULTI-MEDIA INTERFACE (HDMI) CONNECTIVITY WITH HIGH-BANDWIDTH DIGITAL CONTENT PROTECTION (HDCP).
- SUPPORTS MULTIPLE IR PROTOCOLS.
- TWO-WAY IP DATA COMMUNICATION.
- SYSTEM-ON-CHIP (SOC) 300-MHZ MIPS32 PROCESSOR.
- 128-256 MB DRAM, DEPENDING ON CUSTOMER AND MIDDLEWARE REQUIREMENTS
- 32 MB FLASH MEMORY
- INDUSTRY-STANDARD VIDEO, AUDIO, AND DATA OUTPUTS SEE ("TECHNICAL SPECIFICATIONS" FOR DETAILS).
- DOLBY DIGITAL AC3 AND AAC DIGITAL AUDIO.
- MACROVISION AND CGMS-A ANALOG COPY PROTECTION SCHEMES.
- DIGITAL VIDEO SCALING.
- MPEG-4 AVC (H.264), MPEG-2 AND VC-1 VIDEO CODECS.

Technical Specifications

VIDEO INTERFACES

- High definition TV: HDMI with HDCP support
- Component video (Y Pb Pr)
- Standard definition TV: S-Video
Composite video
Channel3/4 RF remod
- Video codecs: MPEG-2, MPEG-4 AVC (H.264), VC-1
- 4:3 and 16:9 video formats: Full_screen, pan_scan & letter_box

AUDIO

- Audio Interfaces: Optical S/PDIF, L/R RCA stereo audio
- Audio Codecs: Dolby Digital, MPEG-1 (MUSICAM), MP3,AAC, AAC+

OTHER INTERFACES

- IR receiver for remote: TWIRP, NEC and other protocols
- USB: 2.0
- Ethernet: 10/100Base-T Ethernet/RJ-45
- Wireless: 802.11b/g/n
- Power input: 130~250V

SOFTWARE

- Operating system: LINUX
- Streaming protocols: RTSP, RTP/RTCP
- Software upgrade: Remote software download/upgrade
- Copy protection: Macrovision 7.1, CGMS-A, HDCP
- User interface: Electronic Programming Guide (EPG)

VIDEO RESOLUTION

- PAL: 576i, 576p
- NTSC: 480i, 480p
- High definition: 720p, 1080i, 1080p

MIDDLEWARE

- Open platform supports multiple middleware solutions

SECURITY

- Open platform supports multiple DRM solutions

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