

Z-IP Decode 400

Product Specifications



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Product Description

Designed for maximum video performance, the Z-IP Decode 400 offers a full range of features for a wide variety of end-point uses and scenarios. Whether it's live streaming IPTV, displaying digital signage content and video walls, or distributing in-house generated video-on-demand, the Decode 400 incorporates the highest reliability and lowest latency in a 100% hardware based digital video player. Coupled with the Z-IP Portal platform, day-to-day management of content, user rights, and schedules can be managed and operated from one central web interface, ensuring the system is easy to maintain and operate.

Product Highlights

- ✓ Rugged, fan-less, 100% silent compact appliance
- ✓ Decode two HD IP streams / video files simultaneously for engaging signs or PiP view
- ✓ Discrete hardware processors of IP video decoding and signage graphic playout
- ✓ Microsoft Active Directory support for single-sign-on workflow
- ✓ TV control using RS-232 interface
- ✓ PoE / PoE+ support
- ✓ API for integration / control from mobile devices

Model	ZBT0040242
Physical	Dimensions: 102mm W x 96mm D x 43mm H Weight: 400g Internal Storage: 16GB IR Remote Control: Programmable, up to 16 unique pairings Enclosure: Rugged metal chassis, fan-less, 100% silent Mounting: Built-in brackets, VESA
Electrical	Power Supply (AC to DC): 12W Max, 90-264VAC Power over Ethernet Support: PoE (IEEE 802.3af - 2003)
Video	Formats: MPEG-2, MPEG-4 AVC (H.264), VC-1/WMV Maximum Resolution: 1920x1080, 60fps Aspect Ratio: 16:9, 4:3
Audio	Formats: MPEG-1 L2, MPEG-1 L3 (MP3), AAC, AAC-HE, WMA, Dolby Digital / AC3

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Streaming	Protocols: UDP TS, RTP TS, RTSP, Apple HLS, Unicast, Multicast, HTTPS
Encryption	Content Protection/DRM: MPEG TS w/ 128-bit, MPEG TS w/ AES 256-bit, Z-IP Connect, Z-IP Encode Blades and Appliances, ATX Ucrypt, MS Active Directory Integration
Interfaces	Network: 1 x 10/100 HDMI Digital A/V: 1 x HDMI 1.4a w/ CEC Support Analog A/V: 1 x mini-din break-out cable for composite video + unbalanced stereo audio SPDIF Digital Audio: 1 x SPDIF USB: 2 x USB 2.0 TVI Control Port: 1 x RS-232 w/ IR Remote Control Sensor and Extender Port
Digital Signage	Multi-stream HD Decoding: 2 x 1920x1080 streams/files Web technologies: HTML, JavaScript, PHP Latency: 300ms decoding Processing: PiP, Alpha Channel, Text/Graphic Overlays, 100% hardware video decode, Separate processing of video and graphics with no shared resources, Emergency Management
Environment	Operating Temperatures: 32°F to 122°F (0°C to 50°C) Relative Humidity: 5% to 95% (non-condensing) EMC Standards: FCC Part 15 Class B Compliances: RoHS, TAA

