

Z-IP Decode 500

Product Specifications



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Product Description

The Z-IP Decode 500 keeps the discreet and rugged attributes of its smaller sibling (the Z-IP Decode 400) while offering a wide variety of video formats and the ability to handle 4K content. From digital signage scenarios to various hospitality environments, 4K-based applications continue to grow in demand. The Z-IP Decode 500 handles all of these and more in a compact, tamper-proof chassis.

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 payout
- ✓ 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	ZBT0040153
Physical	Dimensions: 246mm W x 154mm D x 32mm H Weight: 775g Internal Storage: 32GB 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): 24W Max, 90-264VAC Power of Ethernet Support: PoE+ (IEEE 802.3at - 2009)
Video	Formats: MPEG-2, MPEG-4 AVC (H.264), VC-1/WMV, HEVC (H.265), VP9, HTML5, XVID, DIVX Maximum Resolution: 3840x2160, 60fps, HDR Aspect Ratio: 16:9, 4:3
Audio	Formats: MPEG-1 L2, MPEG-1 L3 (MP3), AAC, AAC-LC/LC+, AAC+, AAC-HE, WMA, WMA Pro, Dolby Digital / AC3, Dolby Digital Plus, AAC-HE 5.1 w/ DTS 3.1/5.1

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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 100/1000 HDMI Digital A/V: 1 x HDMI 2.0 w/ 4K, 3D, CEC Support Analog A/V: 1 x mini-din break-out cable for component RGB or YPrPb + unbalanced stereo audio USB: 1 x USB 3.0, 1 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, HTML5, CSS 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 Compliances: RoHS, TAA

