

Z-IP Portal

Product Specifications



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Product Description

The Z-IP Portal Solution for management, distribution, and archiving of live and on-demand content over IP networks includes the Z-IP Portal Administration interface for Content Management, Conditional Access with AES Encryption, User Management via Microsoft Active Directory, Channel Guide creation, and the Z-IP Portal Lite Player. This HTML 5 browser-based, light-footprint software player supports MPEG-1/2/4/H.264 SD and HD multicast/unicast streams. Additional features include user-configurable mosaic playback of up to 25 concurrent video streams, Personal Video Recording (PVR), real-time alerts, emergency channels, and an Electronic Program Guide (EPG).

Various modules can be added to the Z-IP Portal, allowing clients to add features to the system and enhance the scope of video within your enterprise. These include a web-based virtual remote for easy control of IPTV decoders, Digital Signage Creation, Video Wall Integration, and the ability to listen to CAP messages for alerts and notifications. The Z-IP Portal helps elevate IPTV to an integral part of your business operations.

Z-IP Portal Modules	<p>Z-IP Portal: Powerful browser-based administration interface with full control over all aspects of the Z-IP IPTV system that fits small to large scale IPTV projects.</p> <p>Z-IP Portal Mobile Player: Mobile Z-IP Portal client offers full mobile access to the entire Z-IP Portal channel lineup of live and on-demand content with dynamic channel listings.</p> <p>Z-IP Portal Player Lite: A compact and streamlined version of the powerful Z-IP Portal Player with a single-channel floating window that is fully resizable and can be positioned anywhere on the screen. Runs on MAC and Windows OS, compatible with HTML 5 browsers such as Chrome, Edge, and Safari.</p> <p>Z-IP Portal EPG: Electronic Program Guide for scheduled programs. The data is sourced from the broadcaster and displayed on an easy-to-read user interface.</p> <p>Z-IP Portal VOD: Add-on module, adds the ability to store, distribute and publish offline video assets. Enables on-demand access as well as scheduled streaming and recording in the Z-IP Portal IPTV System.</p> <p>Z-IP Portal Mobile Content Manager: Add-on module for managing Z-Blades to create, edit and assign mobile channels to iOS and Android smartphones and tablets.</p> <p>Z-IP Portal TV Middleware: Add on module that adds a graphical interface to IP set-top boxes, with full access to the entire Z-IP Portal channel lineup with EPG support and AES Encryption.</p>
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<p>Z-IP Portal Modules (Continued)</p>	<p>Z-IP Portal Virtual Remote and Automation Control Module: Add-on module that enables remote management of IP STBs from single or multiple locations controlling a single STB or groups. Compatible with Active Directory or configurable with stand-alone users, groups, and pin codes.</p> <p>Z-IP Portal VM: Z-IP Portal IPTV System software suite optimized for deployment in virtual IT environments.</p>
<p>Z-IP Portal Server</p>	<p>Manages and delivers video up to 5,000 concurrent viewers from a single portal</p> <p>Conforms to DISA/JITC guidelines for secure IP networks, up to Top Secret</p> <p>1-RU rack mountable 17" x 22" x 1.7"</p> <p>Power: AC 110/230V (50/60 Hz), 350W</p> <p>Redundant network cards</p> <p>Windows Server 2016/2019/2022 Operating System</p>
<p>Z-IP Portal Lite</p>	<p>Operating System: Windows 10/11, MAC OS 11 or greater</p> <p>Internet browsers: HTML 5 Browsers, Some configuration required for desktop viewing</p> <p>Video formats: MPEG-1/2/4/H.264/WMV Quick Time HD/SD, H.265 video playback</p> <p>Protocols: UDP, RTP, RTSP, ISMA, SAP, SRT, HTTP, Flash, HLS, Smooth Streaming, HTTP, Multicast and Unicast</p>
<p>Z-IP Portal VOD/NDVR Server</p>	<p>Streaming capacity: 200Mbps (100Mbps to STBs)</p> <p>NDVR: Up to 10 concurrent SD/HD Channels</p> <p>Storage space: 500GB</p> <p>Power: AC 110/230V (50/60Hz), 350W</p> <p>1-RU rack mountable 17" x 22" x 1.7"</p> <p>Redundant network cards</p>