

ZHC-Insight Product Specifications



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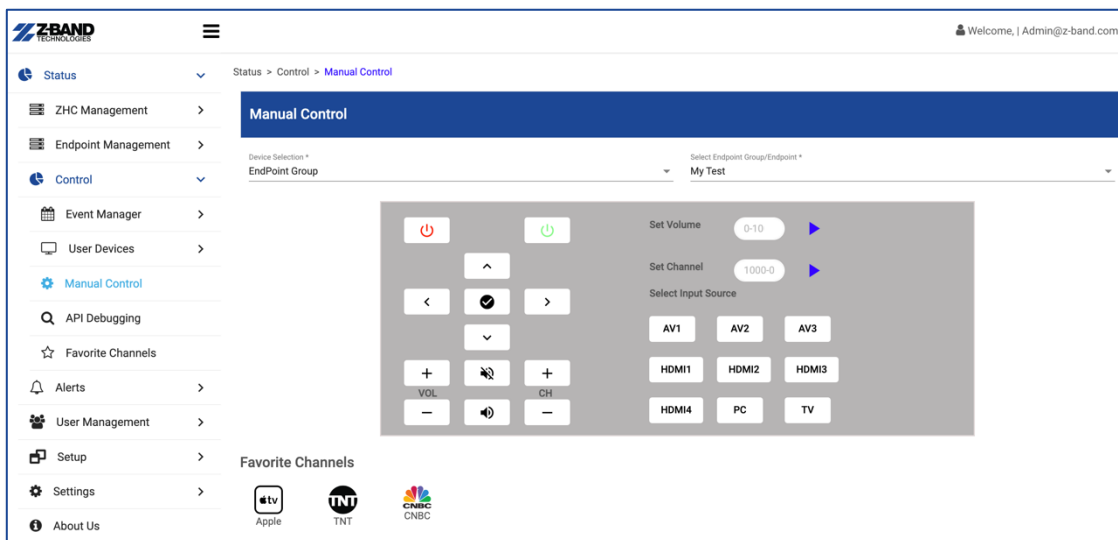


Product Description

ZHC-Insight is a comprehensive web-based diagnostic and monitoring software for Z-Band's Z-Distribution ZHC line of products. This robust software platform allows clients and internal personnel to monitor and manage an individual ZHC unit, or an entire ecosystem with multiple ZHC units and all the Z-Band Balun devices. Whether accessed via standard desktops/laptops or mobile devices such as tablets or smartphones, ZHC-Insight guarantees a consistent and intuitive user experience across various platforms.

Features & Options

- Remotely view the status of each ZHC unit and their port usage and get basic information on the Z-Band baluns connected to the front panel ports.
- Monitor the input and output RF levels going into each ZHC unit.
- Run on-demand or scheduled polls to receive email alerts about signal changes or hardware changes/issues.
- Built-in user management feature allows for granular access to different users of the software.
- Make real-time adjustments on the fly to units as needed to adjust the signal, slope, attenuation, or turn on/off certain ports without needing to be physically connected to each unit.
- Optional control license allows users to control the devices / TVs connected to the Z-Band baluns via RS232 communication protocols, enabling functionalities such as power control, channel selection, volume adjustment, etc., all of which can be on-demand or scheduled.
- The software is available as a physical appliance consisting of dedicated hardware or as a virtual appliance compatible with VMware (See below for specifications of hardware).



('Manual Control' screen of optional Control module)

ZHC-Insight

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	Physical Appliance Specifications
Server Hardware	HPE ProLiant D20 Gen10 Plus
Processor	Intel® Xeon® E-2336 CPU @ 2.9GHz
Memory	32GB HPE Standard Memory w/ ECC
Storage	460GB SSD
Network Interface	1GB 361i Ethernet adapter x2
Operating System	Windows Server 2022 Standard
Power Supply	2x 500W redundant power supply AC 110/240V 50/60 Hz
Physical Specifications	Dimensions: 1.70" H (4.32cm) x 17.11" W (43.46cm) x 27.5" L (69.85cm) Weight: 33.3 lbs (15.10 Kg)
Regulation	CE/FCC Part 15 Class A/RoHS/WEEE/TAA Compliant

	Virtual Appliance (Minimum Requirements)
Processor	1x Quad Core 2.4GHz CPU X86 platform with UEFI BIOS
Memory	32 GB RAM
Storage	480GB
Virtualization Platform	VMWare: ESXi8.0/VMX20 or ESXi7.0/VMX18