

Z-BAND TECHNOLOGIES

COMPANY PROFILE

Z-Band Technologies carries a full suite of RF (**Z-TV**) and IP (**Z-IP**) video distribution products that support thousands of installs across the United States. Our staff helps design, commission and support hundreds of new projects every year. Trusted and tested for over two decades, our specialty is distributing video in a variety of environments.

CORE PRODUCTS

Z-TV



- 8, 16, and 24 port video hub w/ optional fiber receiver and integrated switch
- Plug-and-play system with remotely powered baluns for easy system additions and expansions
- Industry-first diagnostic software platform to provide system monitoring and troubleshooting

Z-IP



- Solid state, ultra-low latency H.264/H.265 encoders and decoders
- Browser-based device and channel management for enhanced functionality
- AES encryption and active directory integration for content security

VALUE PROPOSITION

- Utilize network cabling infrastructure with zero impact on bandwidth consumption
- Versatile and scalable architecture that allows for HEVC and 4K support
- Relocates points of failure to IT closet - no requirement to open ceiling or check TV equipment
- Diagnostic software allows for signal measurements and troubleshooting to take place remotely
- Off-network architecture for video delivery eliminates single point of failure for TV systems
- Web-based management platform can control channels, in-house feeds, end-point decoders, security, event schedules, and digital signage campaigns

WHY Z-BAND ?

PRIORITIES

Government installations rely on quality television distribution for a variety of reasons. From providing a respite to our troops overseas with live sports, to maintaining a clear, high-def signal for operational and command broadcasts, a reliable distribution system is paramount.



FUTURE-PROOFING

On top of becoming obsolete, standard coax cable now opens up possible security weaknesses as well. Secure Compartmentalized Information Facilities cannot even consider coax as an option. Using CAT6 and single-mode fiber not only preps the installation for the future, but meets the strict security standards set forth by the DOD and other government agencies.

PROJECT HISTORY

Air National Guard Bases

- Alaska
- Arizona
- Arkansas
- Delaware
- Kentucky
- New Mexico
- New York
- Ohio
- Tennessee
- West Virginia

Military Installations

- Bagram Air Base
- Fort Belvoir
- Fort Indiantown Gap
- Kandahar Air Field
- US Army Information Systems Command

Federal Facilities & Contractors

- Dept. of Interior
- Dept. of Health & Human Services
- FDA
- Lockheed Martin
- Nat'l Counterterrorism Center
- Nat'l Institutes of Health
- Thurgood Marshall Federal Building
- USDA

State & Local Facilities

- Detroit Public Safety
- Hillsborough County Health Dept.
- New Lenox Police Dept.
- Newnan Public Safety Bldg. (GA)