



AV1010 Video Decoder DM1010 Measurement Demodulator



A Comprehensive Measurement/Monitoring System for off-air DTV signals

Off-air ATSC/DTV receiver for television station program monitoring applications

WinDM Pro ATSC/DTV measurement software facilitates off-air transmitter plant monitoring

TCP/IP Network interconnect for technical performance monitoring

Provides an ATSC signal to the house monitor distribution system for plant-wide monitoring of all embedded program streams

Converts any of 18 ATSC formats automatically to selected line/field rate for local video monitoring of selected program stream

SMPT 310M transport stream output for analysis and evaluation

Conditioned 75 ohm video outputs in NTSC and high definition component formats

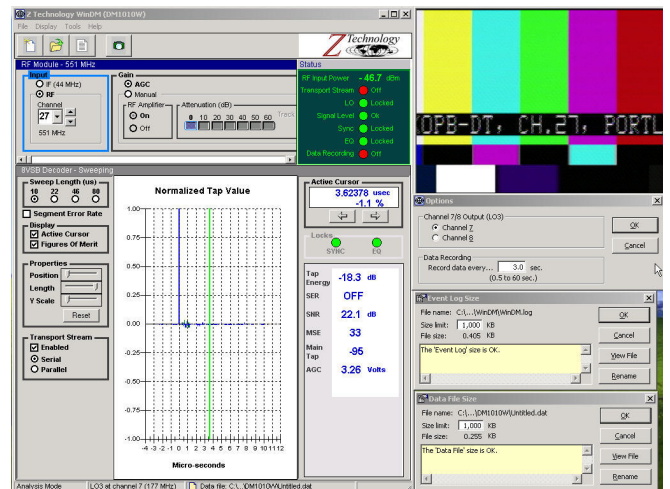
600 ohm balanced stereo audio outputs for professional distribution

Forced air cooling for 24 hours/day operation

Rack mounting hardware included

Optional SMPT 259M standard definition serial digital video output

The DM1010/AV1010 is a system level off-air ATSC/DTV signals measurement/monitoring package with comprehensive performance measurement capabilities. The system finds application in television station studio plants where it is not convenient to travel to the transmitter site.

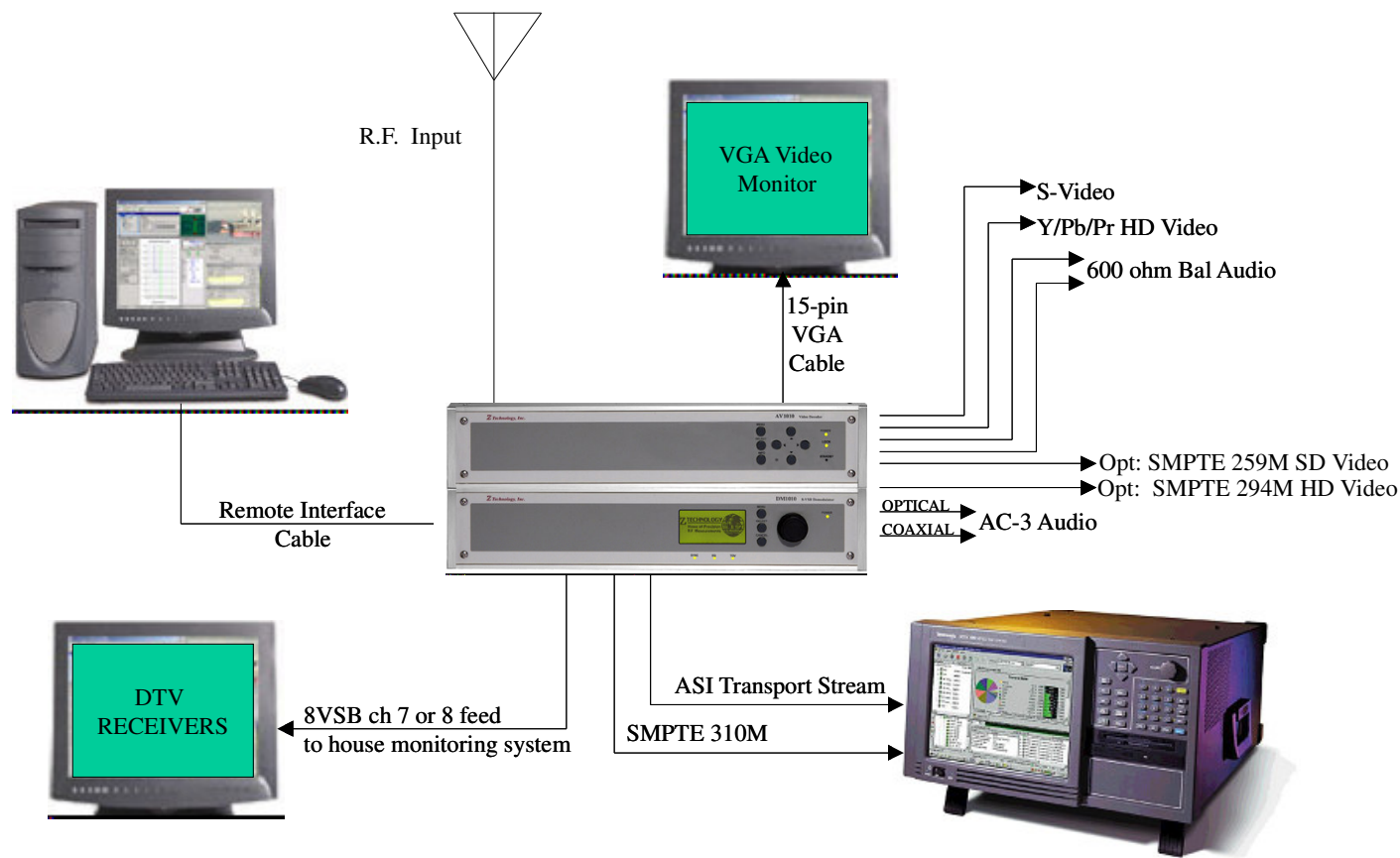


WinDM Pro application running on an attached PC with video input capability

The measurement-design RF front end of the DM1010 provides uniquely high quality RF signal processing and allows RF measurement traceability to the National Institute of Standards and Technology. The included WinDM PRO measurement application provides a comprehensive set of RF and digital measurements and documents performance to clear

text data files. The matching AV1010 Video/Audio decoder can be configured to use the IF output of the DM1010 demodulator to provide reliable performance under the difficult receiving conditions often experienced in downtown studio locations.

The DM1010 Measurement Demodulator, in combination with the AV1010 Audio/Video Decoder, comprise a unique, high performance monitoring system for ATSC/DTV television signals.



Ordering Information

DM1010/AV1010 ATSC/DTV Off-Air Measurement/Monitoring System

Supplied Accessories:

- Rack Mounting Hardware
- Interconnecting IF Cable
- AC Power Cords
- Type F female to Type N male adapter
- Operator's Manual
- Handheld Remote Control for AV1010

Options:

- SDI – SMPTE 259M standard definition serial digital video output
- RS – Rack Slide Kit, non-tilt, for racks up to 24" deep

This product is manufactured in the USA by Z Technology, Inc., and carries a 1-year warranty. For additional information please contact the factory.

Z TECHNOLOGY 
Home of Precision RF Measurements

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