

AD-5061 SERIES

IP TO ISDB-T MODULATOR DIGITAL BROADCASTING SYSTEM

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FEATURES

- Layered transmission with A, A+B, A+B+C hierarchy modes.
- Three transmission modes: mode1(2k), mode2(4k), mode3(8k).
- Supports adaptive non-linear digital pre-distortion (DPD).
- RF output range: 50~999MHz with 1Hz step.
- ISDB-T BTS input (with IIP packet), support single frequency and multi-frequency network.
- Support local and remote control with SNMP or Web-server NMS.
- Dual channel ASI input, 10MHz reference clock and 1PPS in
- Fully complying with ISDB-T (ARIB STD-B31) and ISDB-TB standard.



AD-5061 ISDB-T modulator is developed to adapt Japan, Brazil, Argentina and other South American country's terrestrial digital television. The modulator's channel encoding and modulation mode is fully complying with the ARIB STD-B31 standard.

This ISDB-T modulator supports two ASI and two IP input, single frequency network, and multi-frequency network. In order to improve the output performance of the transmitter, this ISDB-T modulator also simultaneously supports adaptive linear and nonlinear digital pre-distortion, layered transmission and three transmission modes. Furthermore, this device can be upgraded and controlled through network system, which can be widely used in ISDB-T digital broadcasting network's setting up and set-top box design's production



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