OFDM-MOD-4CH
4-Channel ISDB-T Receiver Module

OVERVIEW

The 'OFDM-MOD-4CH' module combines IP input with OFDM RF modulation.

It can either pass-through the IP input to OFDM output or separate IP input and OFDM output independently to support multiplexing with other I/O modules. It's very suitable and cost-effective for IP-based DVB-T systems.

KEY FEATURES

• Up to 4 channels of OFDM modulation
• Two operational modes: IP-to-OFDM pass-through or use
   independently with other I/O modules
• Platform-based Modular Design

ORDERING INFORMATION

Model	Description
WAV-DMPSMP-OFDM-MOD-4CH	4-CH DMP-SMP IPQAM Modulator Module
WAV-SMP100-CHASSIS	Chassis 1RU, embedded MUX and IP/ASI, 3x slots
WAV-DMP900-CHASSIS	Chassis 1RU, embedded MUX, 6x slots, Dual PSU, hot-swappable

SPECIFICATIONS

Interface

IP Connectors:	1 x 1000-Base-T, RJ-45
RF Out Connectors:	1 x F-type female
RF Monitor Connectors:	1 x F-type female

IP Input

Max Bitrate:	750 Mbps (up to 72 Mbps/channel)
Channels:	128
Traffic Type:	Unicast, Multicast
Packet Format:	RTP, UDP

RF output

Channels:	2 or 4 adjacent channels
Output Range:	48 ~ 862 MHz
QAM Constellations:	QPSK/16QAM/64QAM
Transmission Modes:	2K, 8K
FEC:	1/2, 2/3, 3/4, 5/6, 7/8
Guard Interval:	1/4, 1/8, 1/16, 1/32
Output Level:	30 ~ 52 dBmV @ 4 channels 30 ~ 55 dBmV @ 1 channel