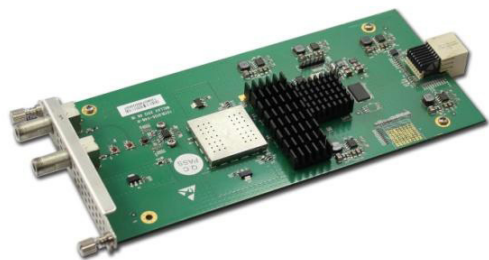


# QAM

## 8-Channel QAM Modulator Module



### OVERVIEW

The 'QAM' module supports modulating 4 ~ 8 QAM adjacent-frequency RF channels of single- or multi-program transport stream data.

It also provides an RF monitor port with only 10 dB loss to support monitoring RF channels in real time.

### KEY FEATURES

- Up to 8 channels of QAM modulation
- Additional RF monitor port
- Platform-based Modular Design

### ORDERING INFORMATION

| Model                      | Description   |
|----------------------------|---|
| WAV-DMP-SMP-QAM-AC-MOD-8CH | 8-CH DMP-SMP QAM-A/C Modulator Module                           |
| WAV-DMP-SMP-QAM-B-MOD-4CH  | 4-CH DMP-SMP QAM-B Modulator Module                             |
| WAV-SMP100-CHASSIS         | Chassis (1RU, embedded MUX and IP/ASI, 3 x slots)               |
| WAV-DMP900-CHASSIS         | Chassis (1RU, embedded MUX, 6 x slots, Dual PSU, hot-swappable) |

### SPECIFICATIONS

#### INTERFACE

RF Out Connectors: 1 x F-type female  
RF Monitor Connectors: 1 x F-type female (mirror, 10 dB loss)

#### RF OUTPUT

Channels: 8 QAM, Annex A/C, B  
Output Range: 48 ~ 862 MHz  
QAM Constellations: 16/32/64/128/256 QAM  
Symbol Rate: 4.4 ~ 6.952 MS/s  
Output Level: 30 ~ 46 dBmV @ 8 channels  
30 ~ 52 dBmV @ 4 channels  
30 ~ 55 dBmV @ 1 channel

