

MULTIMEDIA MODULATORS

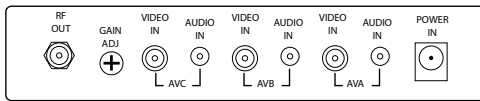
MODELS HMM-3 : HMM-10H : 6203-1

MULTIMEDIA MODULATORS

The **HMM-3** and **HMM-10H** are microprocessor-controlled agile modulators (CATV ultraband and UHF) developed to add satellite, VCR, DVD or security video channels to an existing home distribution system.



MODEL HMM-3



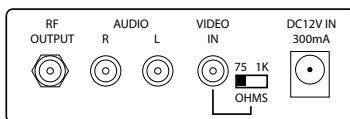
HMM-3 : TRIPLE MODULATOR

The HMM-3 accepts three audio/video input sources and modulates to three different non-adjacent channels that are combined into a single output.

- **High-Output** (25 dB)
- **Push Button Programming**
- **Non-Volatile Memory**
- **LED Front Panel Display**
- **Built-In Combiner - Providing a Single Output**
- **Switchable Video Impedance** (For Loop-Thru)



MODEL HMM-10H



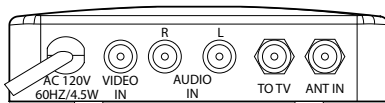
HMM-10H : SINGLE MODULATOR

The HMM-10H accepts one audio/video input source and modulates to a single RF output.

- **High-Output** (25 dB)
- **Push Button Programming**
- **Non-Volatile Memory**
- **LED Front Panel Display**
- **Switchable Video Impedance** (For Loop-Thru)



MODEL 6203-1



CHANNEL 3/4 MODULATOR

The **6203-1** Video RF modulator is designed to convert the separate audio and video signals (from a video camera, computer, portable VCR, or satellite receiver, for example) into VHF TV signals that you can view on a TV set.

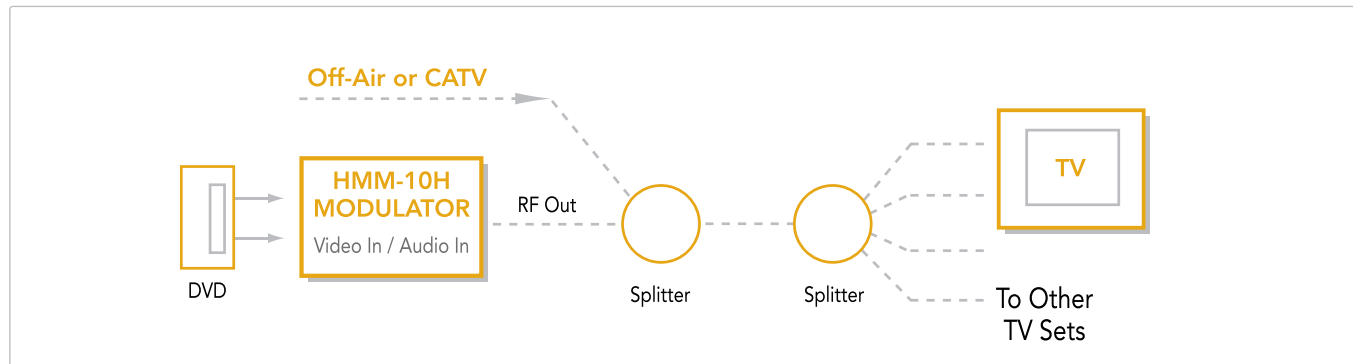
- **Output:** CH 3/4 Selectable
F-Connector
- **Input:** AV Baseband
- **Antenna:** Loop-thru

SERIES MULTIMEDIA MODULATORS

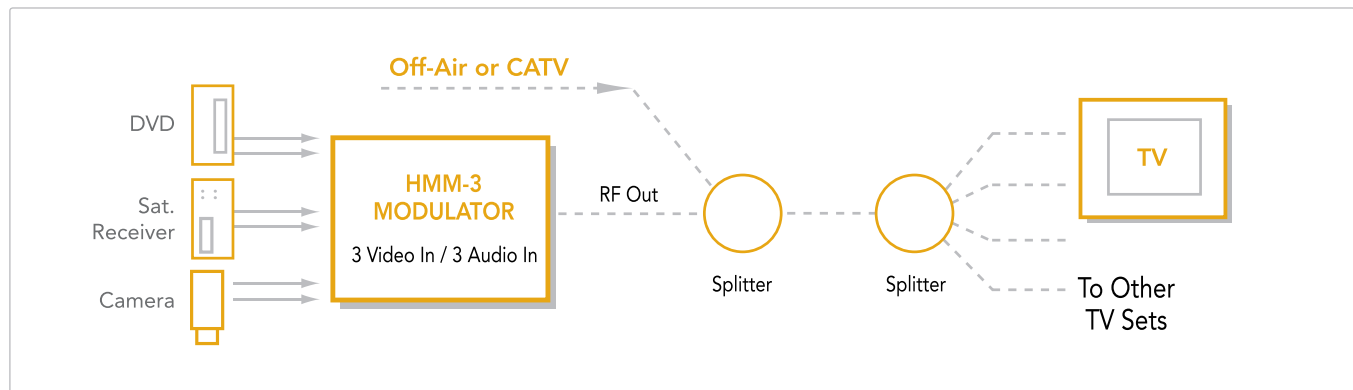
SPECIFICATIONS

RF	HMM-3	HMM-10H
Frequency Range	470 - 860 MHz	470 - 860 MHz
Output Channels	CATV: 65 - 135 (excluding 95-99), UHF: 14 - 78	CATV: 65 - 135 (excluding 95-99), UHF: 14 - 78
Output Level	25 dBmV (15 dB Adj.)	25 dBmV
Frequency Stability	PLL Crystal Stabilized ± 5 kHz	PLL Crystal Stabilized ± 5 kHz
VIDEO		
Input Level (Min.)	1V p-p (for 87.5% Modulation)	1V p-p (for 87.5% Modulation)
AUDIO		
	3	1
Input Level	1V RMS, 10K ohms	1V RMS, 10K ohms
CONNECTORS		
Video In, Audio In	RCA	RCA
RF Output	F	F
GENERAL		
Power Requirements	117VAC, 60 Hz, 12 W	117VAC, 60 Hz, 12 W
Operating Temperature	0° to 50° Celsius	0° to 50° Celsius
Dimensions	5.5" x 3.25" x 1.15"	3.5" x 3.75" x 1.15"
Weight	.6 lb.	.45 lb.

SINGLE MODULATOR INSTALLATION



TRIPLE MODULATOR INSTALLATION



NOTE: All specifications typical unless otherwise noted