

# CAM-3805

## Agile TV Modulator VSB TV Modulator

- : Frequency agile vestigial sideband TV modulators
- : LED display and push buttons control of internal microprocessor
- : Non-volatile channel memory
- : Adjustable RF output level, video and audio input level
- : Loop through RF combining
- : Low level harmonics and intermodulation products
- : Connectors:
  - Video/Audio                RCA Type, female
  - RF In/Out                 F Type, female



Technical Specification		
Type		CAM-3805
Video input	frequency response	20 Hz to 5 MHz $\pm 2$ dB
	level/impedance	1.0 Vp-p (Load) for 87.5% modulation/75 ohms
Audio input	pre-emphasis	50 $\mu$ sec.
	level/impedance	140 mV RMS for $\pm 25$ KHz peak deviation/Hi-Z, unbalanced
RF output	level/impedance	103 dB $\mu$ V typical (min.-15 dB adjustment range)/75 ohms
	frequency range	54-860 MHz
Frequency stability		$\pm 5$ KHz
Intercarrier		6.0 MHz $\pm 5$ KHz
Combining through loss		Max. 5 dB
Frequency range of RF combining		47-862 MHz
A/V ratio		Audio carrier level, adjustable from -8 to -30 dB ( $\pm 3$ dB) Referenced to video carrier level
Spurious outputs		-60 dBc typical, measured at -15 dB A/V ratio and with modulator output level of +100 dB $\mu$ V
Power consumption		220 V/AC 50 Hz power consumption 14W
Operating temperature		0°C to +50°C ambient
Dimensions		270 mm (L) x 50 mm (H) x 135 mm (W)
Weight (packed)		1.3 Kg