

CAM-3800 Modular Head-end System

The Modular Head-end system consists of a 10-slot mounting rack and power supply capable of holding 10 high quality SAW modulators.

The easy slide-in mounting system uses only a 3.5" rack height, making installation easy and space efficient.

Installation is as easy as sliding in the module and plugging in the +12VDC & +5VDC power.

SAW filtered, PLL controlled modulators.

Switching power supply work from 95-240VAC.

Front panel controls.



Modulator CAM-3800	
RF	
Output Channels :	PAL-I (48 to 860 MHz)
Output Level :	105 dB μ V (\pm 3 dB)
Output Impedance :	75 ohms
Frequency Stability :	\pm 5 KHz
A/V Ratio :	Audio carrier level, adjustable from -18 to -11 dB(\pm 2 dB) refer to video carrier level.
Spurious Output :	60 dB typical, measured at -15 dB A/V ratio and with Modulator output level of +45 dBmV.
Video	
Input Level for 87.5% :	0.6Vp-p to 1.5Vp-p
Modulation :	Manual gain adjust with front panel control.
Input Impedance :	75 ohms
Frequency Response :	20 Hz to 4.2 MHz \pm 1 dB.
Audio	
Input Level for 25 KHz :	100mV rms to 3V rms.
Peak Deviation :	Manual gain adjust with front panel control.
Input Impedance :	Greater than 10K ohms unbalanced.
Size	1"W x 3.5"H x 7.5"D (2.5cm x 8.9cm x 19.1cm)

Power Supply CSP-808S	
AC Input :	95-240 VAC (50-60 Hz)
DC Output :	+12V \pm 5% at 1.8A typical. +5V \pm 5% at 2.5A typical.
Protection :	Short Circuit & Overload

Mounting Rack	
Rack Mount :	19" (48.5cm)
Height :	3.5" (9cm)
Depth :	10.5" (27cm)