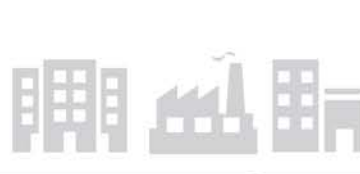
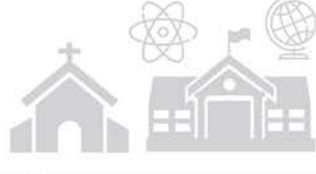


QMOD COMPARISON GUIDE

It's important to have all your questions answered when deciding on a modulator for your AV integration. This guide will allow a side by side comparison of the Contemporary Research QMOD series product specifications.

QMOD HDTV Modulators IPTV Encoders



	QMOD-SDI 2	QMOD-SDI HDMI	QMOD-HDMI 2	QMOD-HDMI RGB	QMOD-YPB 2
Channels (Programs)	2 HD	2 HD	2 HD	2 HD	2 HD
Digital Video Input	2 SDI	1 SDI, 1 HDMI	2 HDMI	1 HDMI, 1 RGBHV/YPbPr	2 YPbPr
Analog Video Input	2 NTSC	2 NTSC	2 NTSC	2 NTSC	2 NTSC
Digital Audio	2 SDI, 2 Coax	1 SDI, 1 HDMI, 2 Coax	2 HDMI, 2 Coax	1 HDMI, 2 Coax	2 Coax
Analog Audio	2 Stereo	2 Stereo	2 Stereo	2 Stereo	2 Stereo
SAP Audio	Yes	Yes	Yes	Yes	Yes
QAM	64/256	64/256	64/256	64/256	64/256
BVSB	Yes	Yes	Yes	Yes	Yes
Channels	2-135	2-135	2-135	2-135	2-135
Encoding	MPEG2/H.264	MPEG2/H.264	MPEG2/H.264	MPEG2/H.264	MPEG2/H.264
Video Input	480i-1080p	480i-1080p	480i-1080p	480i-1080p	480i-1080p
VGA	No	No	No	Yes	No
Refresh Rates	29.97/30 59.94/60 Hz	29.97/30 59.94/60 Hz	29.97/30 59.94/60 Hz	29.97/30 59.94/60 Hz	29.97/30 59.94/60 Hz
PAL	Yes	Yes	Yes	Yes	Yes
Hardware Scalers	Yes	Yes	Yes	Yes	Yes
Full Scaling	Yes	Yes	Yes	Yes	Yes
Image Positioning	Yes	Yes	Yes	Yes	Yes
Output Resolution	Auto/Scaled	Auto/Scaled	Auto/Scaled	Auto/Scaled	Auto/Scaled
Configuration	Front Panel, Web, USB	Front Panel, Web, USB	Front Panel, Web, USB	Front Panel, Web, USB	Front Panel, Web, USB
Closed Captioning	2 SDI 608/708, 2 Line 21 CC	1 SDI 608/708, 2 Line 21 CC	2 Line 21 CC	2 Line 21 CC	2 Line 21 CC
EAS Operation	Yes	Yes	Yes	Yes	Yes
Firmware Update	USB or IP	USB or IP	USB or IP	USB or IP	USB or IP
Power Consumption	Approx. 18W	Approx. 18W	Approx. 18W	Approx. 18W	Approx. 18W
Fan Cooling	Yes	Yes	Yes	Yes	Yes
Rack Mount	1 RU, 1/2 Width	1 RU, 1/2 Width	1 RU, 1/2 Width	1 RU, 1/2 Width	1 RU, 1/2 Width
Warranty	3 Years	3 Years	3 Years	3 Years	3 Years
Made in USA	Yes	Yes	Yes	Yes	Yes