

Q4KR1 SINGLE INPUT HD MODULATOR

Industry's most popular modulator – with 4K loop-out



MODEL: Q4KR1

CODE: 37400325

The Q4KR1 not only will accept a 4K signal but allows you to retain that 4K signal on your main TV while modulating a 1080p signal to the rest of your house!

While the Q4K-R1 is not the first 4K modulator on the market, it's the first stable 4K modulator. Like the HD1603, the Q4K-R1 supports Resi-linx IR targets and emitters. Resi-linx are one of the market leaders in both IR and modulation, and the only brand to have Foxtel approved products in both fields.

This unit has a full menu via LCD display, improved MER resulting in higher quality picture, and is configurable for New Zealand. The Q4K-R1 allows you to distribute any HD source around your home/business installation over coax cable and control with ease.

- Most cost effective fully featured 4K HD modulator on the market
- Single input digital modulator encoding HD video and stereo audio signals to MPEG-4 only(H.264) DVB-T COFDM TV channels
- Compatible input resolutions 576i/720P/1080i& 1080P/UHD/4K for high definition picture quality (TV tuner must be MPEG4/H.264 and 4K HDCP2.2 compatible)
- HDMI input-with HDMI loop through for local connectivity
- IR return path - compatible with resi-linx RL-RF380 (video hub) and RL-RF210 (IR target)
- Full function front LCD display with menu driven configuration
- New Zealand channel plan selectable
- Adjustment of settings available via WEB GUI
- Adjustable VHF/UHF output (6-69)
- Superior error rate (MER 39) ➤ Remote management via PC
- 2K/8K carriers ➤ 85dB launch with adjustable attenuation
- Compact design ➤ Silent operation-NO FAN NOISE!

SPECIFICATIONS

General	Local Monitoring	LCD
	IR Emitter	Single
	Web GUI Supported	Firefox, Chrome, Safari
	Password Protected	GUI:User Settable
	Power Supply	12V DC 1.5A
	Consumption	6.5 Watts
	Operation Temp.	0°C to 45°C
	Storage Temp.	-20°C to 70°C
	Dimension	236mm x 145mm x 34mm
	Language	English
Video & Audio Input (HDMI 2.0)	Connectors	Dual (One for Input ; One for Loop-through)
	Audio	Embedded PCM
	HDCP Compliance	1.4 and 2.2
	Resolution	4K / UHD / 1080p / 1080i / 720p
Video & Audio Encoding Profile	Video Resolution	1080p / 1080i / 720p
	Video Codecs	H.264
	Audio Codecs	MPEG1 Layer II MPEG4 AAC
Output (QAM)	Standard	DVB-T
	Connector	1x "F" Female
	Frequency Range	177.5MHz to 816.5MHz (Ch6-Ch69)
	Output Level	85dBµV Typical (with 20dB range manually adjustable)
	Flatness Across Full	±2dB
	MER	39dB Typical
	Carrier (OFDM Mode)	2K / 8K
	Guard Intervals	1/32
	Code Rate (FEC)	7/8
	Modulation	64-QAM
	Output Impedance	75Ω
	RF Output Return Loss	10dB Typical
	LCN	Embedded, Varies by Country Regulations



(REAR VIEW)