

# Q4K-R1 Series Specifications

Single-Input with 4K Loop-Through Encoder-Modulator



Video / Audio Input	
<b>HDMI 2.0</b>	
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
Output	
<b>QAM</b>	
Standard	DVB-T
Connector	1x "F" Female
Frequency Range	177.5MHz to 816.5MHz (Ch6-Ch69)
Output Level	85 dB $\mu$ V Typical (With 20dB Range Manually Adjustable)
Flatness Across Full	$\pm$ 2 dB
MER	39 dB Typical
Carrier (OFDM Mode)	2K / 8K
Guard Intervals	1/32
Code Rate (FEC)	7/8
Modulation	64-QAM
Output Impedance	75 ohm
RF Output Return Loss	10 dB Typical
LCN	Embedded, Varies by Country Regulations

Video/ Audio Encoding Profile	
<b>Video</b>	
Resolution	1080p / 1080i / 720p
Video Codecs	H.264
<b>Audio</b>	
Audio Codecs	MPEG1 Layer II MPEG4 AAC
General	
Local Monitoring	LCD
IR Emitter	Single
Web GUI Supported	Firefox, Chrome, Safari
Password Protected	GUI:User Settable
Power Supply	12VDC 1.5A
Consumption	6.5 Watts
Operation Temperature	0c to +45c
Storage Temperature	-20c to +70c
Dimension	236mm x 145mm x 34mm
Weight	TBD
Language	English

\*\*Information in this document is subject to change without notice.\*\*