

# Product Spec Sheet from Rentex

## Analog Way QuickVu-3G Production Switcher

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Rentex Product No. XVP2810



Mfr Part No. QVU150-3G

### Features

- 8 Seamless inputs | 2 outputs (Program and Preview)
- Audio breakaway mode
- 2 S/PDIF inputs and 2 S/PDIF outputs
- 14 input plugs available (4 x DVI-D, 4 x HDMI, 4 x Universal Analog & 2 x 3G/HD/SD-SDI)
- All audio inputs can be embedded or deembedded on all plugs
- 1 x 3G/HD/SD-SDI output plug useable as video output or Program clone
- Computer Formats up to 2K/2048 x 1152

### Detailed Specifications

<b>Analog Inputs</b> (All inputs #1 to #4)	<b>SD-TV:</b> Composite, S.Video, YUV, RGsB or RGbS NTSC: 15.735kHz/60Hz PAL/SECAM: 15.625kHz/50Hz <b>ED/HD-TV:</b> RGsB, RGbS or YUV 480p/60 Hz – 576p/50 Hz – 720p, 1080i, 1035i/50 or 60Hz – 1080p/24, 25, 30, 50 or 60 Hz – 1080psF/24, 25 or 30 Hz <b>Computer:</b> RGBHV, RGbS or RGsB Resolution up to 1600x1200/60 Hz, 1920x1200/60 Hz or 2048x1080/60 Hz Horizontal frequency from 31.5 to 130 kHz Vertical frequency up to 120 Hz FpxMax = 165MHz
<b>10 Digital Input Plugs</b>	<b>DVI-D (Input #1 to #4) (HDMI compliant):</b> SD-TV, ED-TV, HD-TV and Computer formats <b>HDMI (Input #3 to #6):</b> SD-TV, ED-TV, HD-TV and Computer formats <b>SDI (Input #7 to #8):</b> SD-TV & HD-TV – YUV/10bits/4:2:2, 3G-SDI <b>Automatic synchronization detection</b>
<b>Video Output</b>	<b>SD-TV:</b> SD-SDI, HD-TV: HD-SDI or 3G-SDI
<b>Operation Standards</b>	<b>SMPTE:</b> ST 259:2008, ST 260:1999, ST 274:2008, ST 292-1:2012, ST 296:2012, ST 424:2012, ST 428- 19:2010 <b>VESA:</b> GTF1.1, CVT 1.1, DMT1.0 rev.12
<b>User Controls: Front Panel</b>	Standby On/Off, Input direct access, Freeze/Black, Preset and effect menu shortcuts, Quick Frame, Take Large Graphic VFD screen with control knob and buttons for easy and fast access to menus and adjustments
<b>Program &amp; Preview Outputs</b>	<b>Computer Digital &amp; Analog:</b> RGBHV, RGbS or RGsB and DVI Resolution up to 1600x1200/60 Hz, 1920x1200/60 Hz or 2048x1080/60 Hz Vertical frequency 50, 60, 72 or 75 Hz depending on Output format FpxMax = 165MHz <b>HD-TV:</b> RGsB, RGbS or YUV, DVI and HD-SDI, or 3G-SDI 720p, 1080i, 1035i/50 or 60Hz – 1080p/24, 25, 30, 50 or 60Hz – 1080psF/24, 25 or 30 Hz
<b>Audio Stereo Inputs</b>	<b>DVI (as HDMI)/HDMI/SDI/Audio de-embedding:</b> 1 stereo pair <b>Analog Inputs:</b> 4 Audio stereo inputs, Balanced/Unbalanced, Vi = +15dBu, Zi = 20 kOhms (Unbalanced)/40 kOhms (Balanced), Adjustable Level per input <b>S/PDIF Inputs:</b> 2 inputs, AES3id compatible, Zi = 75 Ohms, Input Level Min: 200mVpp, Input Level Max: 2.8Vpp, Protocol: AES3 or S/PDIF sub-code format
<b>Audio Stereo Outputs</b>	<b>DVI (as HDMI)/SDI Audio Embedding:</b> 1 stereo pair per output <b>Analog Inputs:</b> 2 independent outputs, Balanced/Unbalanced, Vo = +9 dBu/300 Ohms (Unbalanced), Vo = +15 dBu/600 Ohms (Balanced) <b>S/PDIF Inputs:</b> 2 outputs, AES3id compatible, Zi = 75 Ohms, Output Level: 0.5Vpp(S/PDIF mode) or 1Vpp (AES3 mode), Input Level: Max: 2.8Vpp, Protocol: AES3 or S/PDIF sub- code format
<b>Connectors: Rear Panel</b>	<b>Input #1 to #2 Connectors:</b> DVI-D Female: (Digital SD/ED/HD-TV and Computer), HD15-F (Analog SD/ED/HD-TV and Computer) <b>Input #3 to #4 Connectors:</b> DVI-D Female: (Digital SD/ED/HD-TV and Computer), HD15-F (Analog SD/ED/HD-TV and Computer), HDMI Female: (Digital SD/ED/HD-TV and Computer) <b>Input #5 to #6 connectors:</b> HDMI Female: (Digital SD/ED/HD-TV and Computer) <b>Input #7 to # Connectors:</b> BNC: (3G/HD/SD-SDI) <b>Program and Preview Output Connectors:</b> Each output is fitted with: DVI-I Female: (Digital and Analog) RGB or YUV, HD15 Female: RGB or YUV, 1 x BNC-F: 3G/HD-SDI (Output #1 only) <b>Video Output Connector:</b> BNC: (3G/HD/SD-SDI) <b>Audio:</b> 5-pin MCO connectors: 4 for analog audio inputs and 2 for analog audio outputs, 4 RCA connectors: 2 for S/PDIF audio inputs and 2 for S/PDIF audio outputs <b>Miscellaneous:</b> DB9: RS232 for remote control, RJ45: Ethernet connection, AC main connector with fuse and On/Off switch
<b>Power Supply</b>	100-240 VAC ; 2.5A ; 50/60Hz ; 110W
<b>Dimensions (WxHxD)</b>	17.3" x 3.46" x 15.75" 440mm x 88mm x 400mm
<b>Weight</b>	13.9 lbs (6.3kg)