

Product Spec Sheet from Rentex

Epiphan Pearl EV Production Video Switcher w/Live Video Recording

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Rentex Product No. XVP3500



The Epiphan Pearl is a portable live production video mixer that lets you capture, switch, stream, and record video anytime, anywhere. With advanced automatic channel creation and a front panel touchscreen, setup is very simple. Simply plug in power and one or two sources to see your captured stream on the touchscreen. Connect to a network and start streaming right away.

With the Pearl you can record your videos while simultaneously outputting up to four 1080p streams at 30 fps, or two 1080p streams at 60 fps. You can also output a single Ultra HD 4K (3840 x 2160) stream at lower frame rates



Mfr Part No. ESP0900

Features

- Live video switching using the touch screen or web UI
- Stream audio + 3G-SDI, HD-SDI, SD-SDI, HDMI™, DVI, VGA
- Up to 4 1080p HD streams at 30 fps or 2 at 60 fps
- Lightweight and portable
- Visual layout editor for simple creation of custom multi-view layouts

Detailed Specifications

Video Inputs	2 x SDI 2 x HDMI (DVI support via optional adapter cable) 2 x VGA (component support via optional adapter cable)
Audio Inputs	2 x 1/4" left/right TRS audio, SDI audio and HDMI audio
Video Output	On-board touchscreen and 2 x Display Ports for video output
Video Switching	During live streaming and recording via the touch screen or web UI
Video Codecs	H.264, MPEG-4, Motion JPEG
Video Bit Rates	100 to 9,999 Kbit/s
Color Resolution	4:2:0
Video Frame Rate	4 x 1080p streams at 30 fps each
Audio Encoding	MP3, PCM and AAC (sampling 16 - 48kHz, bitrate up to 320 kbps)
Network	1 x 10/100/1000 Ethernet port (RJ45)
Local Hard Drives	1TB HDD
Local USB	Automatic or manual copy via 2 x USB 2.0 ports
Network Storage	FTP server or copy via FTP, SFTP, SCP, RSYNC, CIFS
Recording Formats	AVI, MP4, MOV or MPEG-TS
Control	Web UI, touch screen as well as comprehensive HTTP and RS-232 APIs
Dimensions	10.6 x 3.2 x 7.4" (27.0 x 8.2 x 19.0 cm)
Weight	3.4lbs (1.5 kg)