StreamMaster™ is a fully integrated, software defined virtualized playout platform for IP workflows and complex TV channels. Running on COTS hardware on your premises, in a datacenter or in the public cloud, StreamMaster™ delivers real-time master control, real-time graphics and DVE through to a content delivery network. This software-defined system is format agnostic, scalable and flexible, which enables cost saving & new pricing models, including pay-as-you-go for pop-up channels. StreamMaster™ is perfectly suited to premium channels, IP workflows, pop-up / event channels, or cost-effective disaster recovery, business continuity, for all your channels.

**BENEFITS**

- Virtualized playout on dedicated hardware, in a datacenter or in the cloud
- Cost effective solution for Business Continuity / Disaster Recovery applications
- Built in IP encoder with full graphics and master control capability
- Software defined format agnostic, scalable & flexible
- New pricing models including Pay-As-You-Go for event or pop-up channels
- Clarity™ Graphics & Master Control built in
- Open API for automation control with all major automation brands
- Frame rate, frame size and codec agnostic
StreamMaster™ implements the functionality, graphics capability and image quality of the Pixel Power master control, Clarity™ graphics and integrated playout systems in software running on commodity hardware.

Designed to support virtualization – a channel without a box – StreamMaster™ can also be supplied with an optional SDI I/O to support hybrid and transitional environments. Providing seamless integration from today's environment to the IP world means that your investment is truly future-proof.

This software platform is designed to support new functionality, formats and codecs as they become available, taking you from HD to UHD and beyond.

StreamMaster™ is compatible with third party automation providers, so there is no need to change workflow or operational practice, maintaining simplicity and without locking you in.

With StreamMaster™ all your channels, whether VOD, OTT, IP or multi-screen can have exactly the same brand sophistication as linear channels.

**FEATURES**

- 720p50, 720p59.94, 1080i50, 1080i59.94, 1080p50, 1080p59.94, 2160p25, 2160p29.97
- 2 x IP streaming inputs with single codec of choice
- PTP time reference
- 2 x Logo Keyers
- Graphic keyer supporting multi-layer 2D graphics
- 1 x IP streaming output with single codec of choice
- A/B transition stream-stream, stream-media file including Cut/Fade/V-Fade/Mix
- Audio and video breakaway
- 16 channel PCM audio processing
- Track shuffle and level adjustment
- 2 x Voiceover layers
- 2 x Media players with single codec of choice
- Media playback from local storage or suitably qualified NAS
- Open API for automation control
- Support for insertion and decoding of SCTE50 tags and other metadata
- Support for additional codecs
- 2, 4 or 6 x 3G HD-SDI baseband video and embedded audio inputs
- Sophisticated real-time, multi-layer 3D graphics
- External key and fill
- Additional Logo Keyers
- Support for additional codecs
- 2 x IP streaming proxy outputs for program and preview bus
- 2, 4 or 6 x 3G HD-SDI baseband video and embedded audio outputs
- Pass-through of caption data
- Live captions
- Dual channel 2D and 3D DVE
- Up-mix from stereo L/R to 5.1 surround
- Loudness monitoring
- Dolby decoding and encoding
- VSP master control panel
- Configurable soft panels
- GalliumAutomation™ for multi-channel playout
- Control of IP and baseband routers

Visit [pixelpower.com](http://pixelpower.com) for more information about StreamMaster™