



## LUKAS-VIDEO PLAYER

*A set-top box for live and on-demand video from the internet*

**The Lukas-Video is a set-top box that can be used to stream video from the public internet, with a robust streaming protocol, easily integrated in a custom platform and still cost-effective.**

The Lukas-Video plays live and on-demand video from the internet using Apple's HTTP Live Streaming (H264/AAC). This widely adopted protocol is robust for streaming over the public internet, so that this set-top box can be used in a wide range of settings. Particularly applications in which a video stream needs to cross the boundaries of networks, this set-top box can be used.

The Lukas-Video is compatible with Wowza Media Server and has a well-documented API. It takes no more than a couple of webpages with simple Javascript to get your own application running on the set-top box. Deploying was never easier.

The HDMI and composite video connectors on the Lukas-Video make it compatible to all TV sets in the field. Customers using old-school CRTs as well as customers with high-end flatscreen TVs are served equally well. With the included remote control the user interaction is simple and comfortable.

An excellent example of an application that uses the benefits of the Lukas-Video is Webcasting. E.g. churches can stream their services using Streamit's Maven audio-video encoder and have their members tune in using the Lukas-Video. No hassle with the managed lane of the digital TV provider.

The Lukas-Video is part of Streamit's complete solution which offers management, distribution, storage and playback of video and audio over internet. With help of Streamit's EventCaster it is easy to make the video or audio stream available to viewers all over the world. The use of international standards makes it easy to link the Lukas-Video with other systems and to use it for a range of other applications.

- **Live and on-demand video from the public internet**
- **Robust Apple HTTP Live Streaming**
- **Compatible with Wowza Media Server**
- **Multicast support**
- **Linked with EventCaster**
- **Easy integration with other platforms**
- **User-friendly remote control**
- **Wifi support through USB dongle**
- **Software update through USB**

**There is potential in this set-top box that is yet to be released:**

- IPv6
- Peer to peer streaming
- RTP/RTSP streaming
- DRM, including Verimatrix, HDCP
- Additional codecs: MPEG2, WMV9, DivX/XviD, Dolby Digital AC3/DD+

### TECHNICAL DATA

#### INCLUDED IN DELIVERY

Lukas-Video set-top box	
Power supply	
Composite CVBS video cable	
Ethernet cable	RJ45
Remote control with AAA batteries	
User manual	English, Dutch

#### SIZE AND WEIGHT

Size (b x d x h mm)	150 x 110 x 30
Size of packaging (b x d x h mm)	189 x 150 x 81
Weight (g)	330

#### SPECIFICATIONS

Video codec	H264 (MPEG4)
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Resolution (max)  
 Audio codec  
 Streaming protocol  
 Supported bit rates  
 Multicast support  
 Ethernet controller  
 Wifi support

1920x1080  
 AAC/HE-AAC  
 HTTP Live Streaming  
 0.3 tot 8 Mbps

Power supply AC  
 Browser

10/100 Mbps  
 USB Wifi dongle with Ralink RT3070 chipset (available as accessory)  
 90-260V  
 QT-webkit version 4.6 supporting HTML 4.01, CSS 2.1, XMLHttpRequest, AJAX

**INPUTS**  
 Ethernet

RJ45

**OUTPUTS**  
 Video

HDMI, Composite CVBS

### ABOUT STREAMIT

Streamit is a Dutch company specialized in the development and marketing of devices and platforms for video and audio streaming over internet. We develop our products for niche markets where quality and specific requirements can not be met by standard consumer solutions. Our products and solutions are being used worldwide.

#### Streamit B.V.

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