KILOVIEW M2 H.264 HDMI VGA Video Encoder User Guide

Contents

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PACKING LIST

Packing list
One M2 video encoder, one power supply [DC 12V/1A), one user manual, one product certification.

ATTENTION:
The actual pack int, list may be different since the product updating.

DEVICE INTERFACES

NOTE:
Users can connect USB storage, USB to RS232/RS485 converter to the USB port.

DEVICE INSTALLATION

Connect the power adapter
Using the power adapter [DC 12V/1A) connect to the device, afterthe power is turned on, the device starts working.
Connect network
Connect one end of the network cable to the encoder' s Ethernet port. The other end is connected to the network switch or the computer's Ethernet port.

LED INDICATOR DESCRIPTIONS

Power up
After powered up, LINK/RUN will be off, and PWR will be on. Indicator lights will go to below status, which lasts 10-155.
RUN/LINK/PWRindicators

LED	COLOR	STATUS	DESCRIPTION
RUN	GREEN	FLASHING	Device is encoding
		OFF	Device encoding fail
LINK	GREEN	ON	Network connected
		FLASHING	Network is trying connect
		OFF	Network disconnected
PWR	RED	ON	Powered up
		OFF	NO POWER SUPPLIED
		FLASHING	Device working error

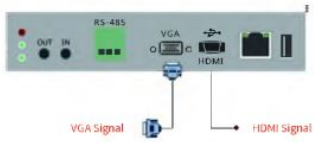
CONNECT AUDIONIDEO SIGNAL

Connect analog audio signal

Through 3.5mm audio cable, it can be accessed analog audio signal You can select the analog audio as audio encod ng source,reter to **“Select video/audio signal source”**. The analog audio output is not declared for current software. I

Connect video signal

Connect HDMI or VGA signal to encoder’ s corresponding input port.



SELECT VIDEO/AUDIO SIGNAL SOURCE

Click “Audio&Video Ajdustments > Video Source and Adjustrrent” or “Audio&Video Adjustments > Audio Source and Adjustment” in the Web console, you can select video and audio source.

Video/Audio source options:

SOURCE	OPTION	DESCRIPTION
VIDEO	Auto Selection	Auto detect and select VGA or HDMI
	Auto Selection (one shot)	Auto detect and select VGA/HDMI, once detected, it will lock it as the source
	VGA	Select VGA as the input source
	HDMI	Select HDMI as the input source
AUDIO	Auto Selection	Select HDMI embbed audio while video source is HDMI, otherwise select analog line in.
	HDMI	HDMI embbed audio
	Analog Line in	Analog line in audio

WEB DEFAULT LOGIN IP ADDRESS AND

Default IP Address

The default IP address of encoder is 192.168.1.168 with subnet mask 255.255.255.0. You can login the Web

console to change the network addresses.

Login the Web console

Open your web browser and access : http://<device IP address>/ For example: the device default IP is 192.168.1 168 so you can access htt p://192.168.1.168 to login the Web console.

RTSP STREAMING

The RTSP service is always enabled for the device. All the decoders which support RTSP protocol and H.264 decoding can connect and get stream from the device.

The default RTSP accessing URL is:

rtsp //<device 1p address>/chOl rtsp //<device ip address>/subOl

NOTE:

'chCl' , 'subOl' is the RTSP session ID. You can change the session ID in the Web console.

RTMP LIVE STREAMING

Add streaming service:

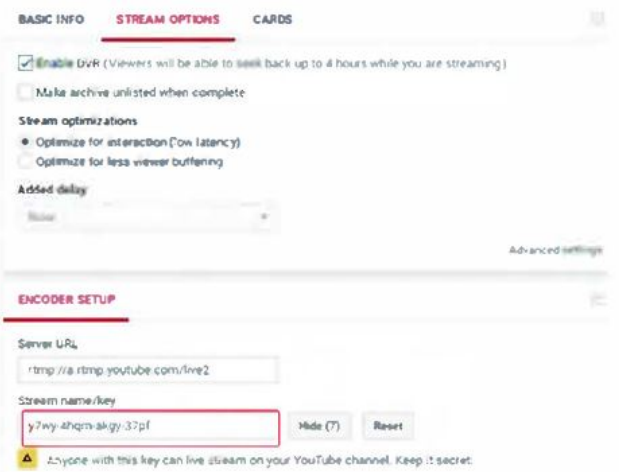
Our device' s H.264 main/sub stream supports adding up to 8 same or different streaming services, to meet your needs of adopting same/different stream media protocols for multi-goal streaming pushing. On the management interface of"Encoding & Stream"> "Encoding and Stream Settings", click "add a stream … ", you can add your needed streaming service.

RTMP live streaming (push)

Currently, most live streaming platforms (e.g. YouTube) require "RTMP Pushing" protocol. After adding "RTMP pushing" service, click set icon to configure RTMP parameters.

On the configuration page:

"Push point" requires an URL which RTMP push lo. Take 'You Tube' for an example, you can get the URL like bellow:



RESTORE FACTORY SETTINGS

- **Restore factory setttings:**
  If users change parameters that lead encoder couldn' t work (typical situation is to change network address, so that it couldn' be visited encoder by network), users could restore factory setting to default value.

Two methods for restoring factory settings:

- Choose "Basic Se,ti ngs > Restore factory settings" on the web console @ Hold 'RESET' button:
- Hold the 'RESET' button more than 3 seconds.
  - Restoring factory setting will lead to the device reboot, restarting course will last about 20S.

NOTE:
These parameters will be restored after restoring factory setting:

- The password of admin will be reset to admin;
- The IP address will be reset to 192.168.1.168 and subnet mask is 255.255.255.0;
- All the video/audio encoding settings will be reset;
- Streaming settings will be reset.

FIRMWARE UPGRADING

Firmware upgrading
This device supports online firmware upgrading for upgrading software. Select "Ha sic Settings", pull downward and click"Update firmware". On the page, click "Browse" to select the upgrading file, and click "Upgrade" to upgrade the device.

NOTES:

- After u pleading firmware f le successfully, the encoder will automatically restart, this process will takes about 30s-60s (the time will be different according to upgrade content), and please be patient.
- After the upgrade is complete, via the Web interface "system informatior>version information" to check whether the latest version information in accordance with expected to confirm the upgrade is successful.

Documents / Resources

	**KILOVIEW M2 H.264 HDMI VGA Video Encoder** [pdf] User Guide M2, H.264 HDMI VGA Video Encoder, M2 H.264 HDMI VGA Video Encoder