

## ZIP-DEC12CH



### Key Features

- ★ Embedded Linux OS ensures 24/7 stable operation and prevents hackers and viruses.
- ★ HDMI video output interface.
- ★ 4 HDMI inputs.
- ★ Maximum decoding resolution of 12MP, up to 16\*1080P@30Hz decoding capability for each channel.
- ★ Up to 4K@30Hz output resolution, compatible with mainstream display devices in the industry.
- ★ Supports window opening, roaming and picture-in-picture. Up to 36 windows are allowed for each output channel.
- ★ Supports multicast.
- ★ Supports virtual LEDs.
- ★ Supports small pixel pitch LEDs.
- ★ Supports turning on/off video wall screens.
- ★ Supports standard H.265, H.264, MPEG4, image compression formats.
- ★ Supports decoding audio in G.711A and G.711U formats.
- ★ Self-developed decoding algorithm offers high decoding efficiency and clear images.
- ★ Allows to configure and manage the device on a central server.
- ★ Supports decoding SD and HD video.
- ★ Supports local and remote upgrade.
- ★ Supports decoding streams of other manufacturers through onvif protocol.

## Specifications

Model	ZIP-DEC12CH
Input	
Input	4-ch HDMI (video only)
HDMI input resolution	<p>4K interface: 3840*2160(4K)@30Hz, 1920*1080(1080P)@60Hz, 1920*1080(1080P)@50Hz, 1920*1080(1080P)@30Hz, 1600*1200(UXGA)@60Hz, 1440*900(WXGA)@60Hz, 1280*1024(SXGA)@60Hz, 1280*720(720P)@60Hz, 1280*720(720P)@50Hz, 1024*768(XGA)@60Hz(4K interface: 1, 2)</p> <p>1080P interface: 1920*1080(1080P)@60Hz, 1920*1080(1080P)@50Hz, 1920*1080 (1080P) @30Hz, 1600*1200(UXGA)@60Hz, 1440*900(WXGA)@60Hz, 1280*1024(SXGA)@60Hz, 1280*720(720P)@60Hz, 1280*720(720P)@50Hz, 1024*768(XGA)@60Hz(1080P interface: 3, 4)</p>
Output	
Output	12-ch HDMI
HDMI output resolution	<p>4K interface: 3840*2160(4K)@30Hz, 1920*1200(WUXGA)@60Hz, 1920*1080(1080P)@60Hz, 1600*1200(UXGA)@60Hz, 1440*900(WXGA+)@60Hz, 1280*1024(SXGA)@60Hz, 1280*720(720P)@60Hz, 1024*768(XGA)@60Hz(4K interface: 1, 2, 4, 5, 7, 8, 10, 11)</p> <p>1080P interface: 1920*1200(WUXGA)@60Hz, 1920*1080(1080P)@60Hz, 1600*1200(UXGA)@60Hz, 1440*900(WXGA+)@60Hz, 1280*1024(SXGA)@60Hz, 1280*720(720P)@60Hz, 1024*768(XGA)@60Hz(1080P interface: 3, 6, 9, 12)</p>
Decoding	

Decoding format	H.265, H.264, MPEG4
Decoding capability	16*12MP @20Hz 16*4K@30Hz 64*1080P@30Hz` 144*720P@30Hz
Splicing	M*N (the number of windows cannot exceed the number of output channels)
Windows	36* number of output channels

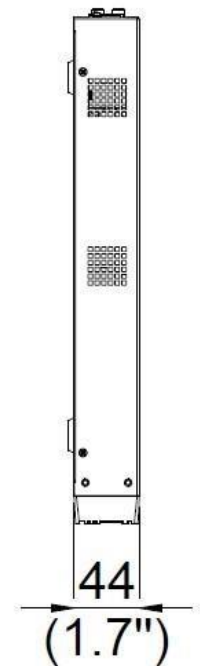
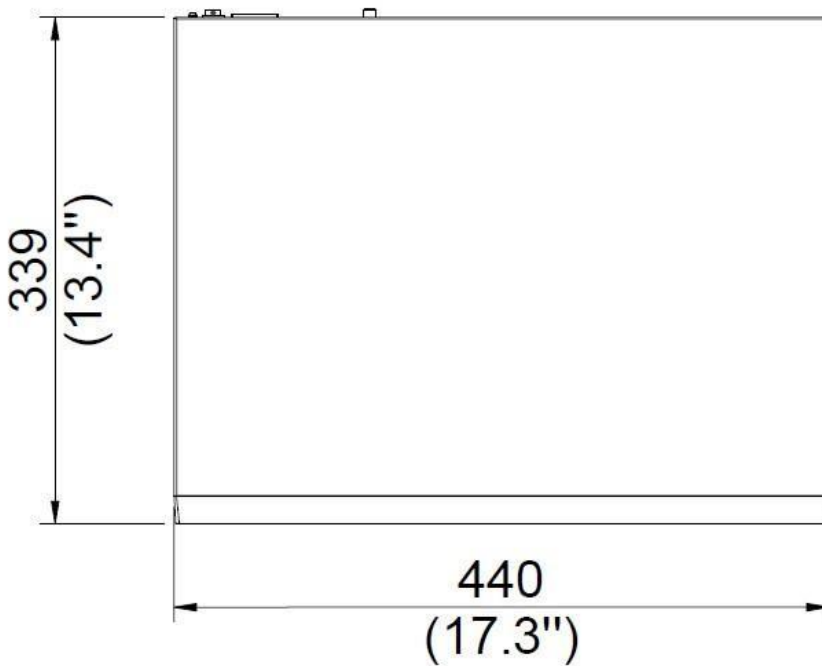
**Interface**

Audio input	1 * terminal audio input (reserved) 1 * 3.5mm audio input (reserved)
Audio output	1 * terminal audio output (reserved) 1 * 3.5mm audio output, dual channel
Alarm input	4 * terminal alarm input (reserved)
Alarm output	4 * terminal alarm output (reserved)
Serial port	1 * RS232, 1 * RS485
Ethernet	2 * GE port, RJ45 interface, half-duplex/full-duplex Ethernet, 10M/100M/1000M Base-T adaptive
USB	2 * USB3.0

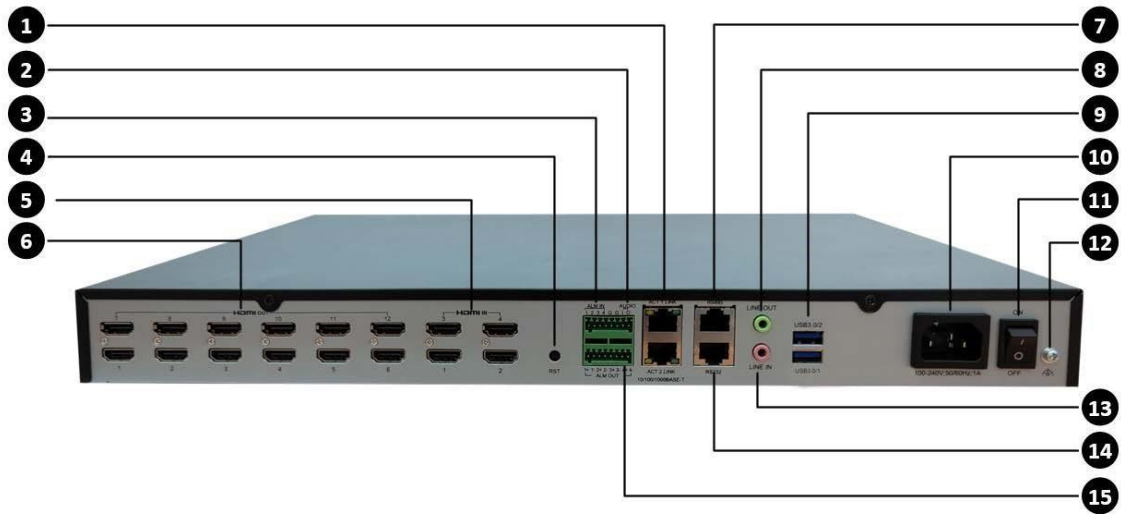
**General**

Dimensions (W*H*D)(mm)	440 * 44 * 339
Weight (kg)	3.95
Max. power consumption (W)	50
Power supply	100V to 240V AC; 50Hz/60Hz
Operating temperature	-10°C to 55°C
Operating humidity	10% to 90% RH, non-condensing

## Dimensions



## Interfaces



No.	Name	Description
①	Ethernet	GE port, RJ45 interface, half-duplex/full-duplex Ethernet, 10M/100M/1000M Base-T adaptive
②	AUDIO	terminal, audio signal input/output (reserved)
③	ALM IN	terminal, alarm signal input, Boolean input (reserved)
④	RST	Reset key, press to restore the device to factory defaults
⑤	HDMI IN	HDMI video signal input
⑥	HDMI OUT	HDMI video signal output
⑦	RS485	Serial port, used as RS232 Console or RS485 for device maintenance or controlling power distribution boxes
⑧	LINE OUT	Coaxial 3.5mm audio output port
⑨	USB 3.0	Used to upgrade the device
⑩	Power input	Power input interface

⑪	Power switch	Turn on/off the device
⑫	Grounding terminal	Grounding terminal
⑬	LINE IN	Coaxial 3.5mm audio input port (reserved)
⑭	RS232	Serial port, mainly used to turn on/off video wall screens
⑮	ALM OUT	terminal, alarm signal output, relay output (reserved)