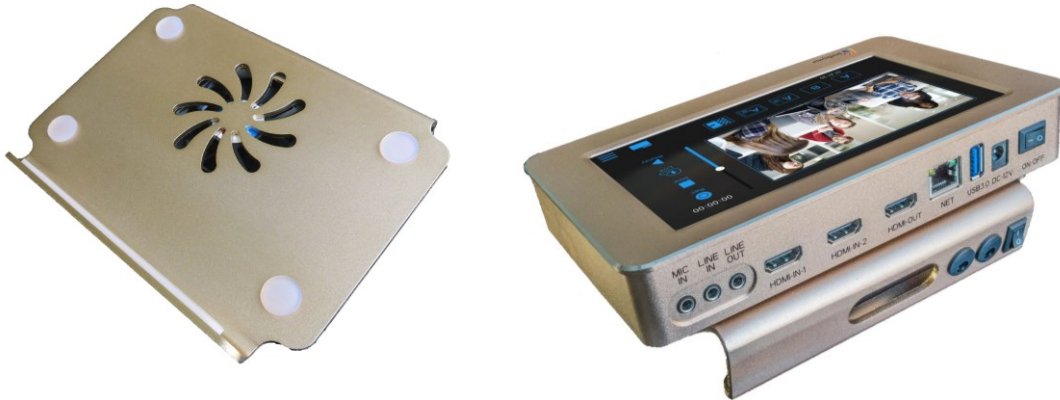# IT-2X-2HDMI

Product Introduction

1.Product appearance characteristics

X2 Recording cassette base (with cooling fan)

2.Record box specifications

Project	Device parameters	Performance
System	Operating language	Chinese/English
	Operation interface	Graphical menu interface
	System structure	Embedded Linux system
Video	Video input	2 HDMI signal input, each support maximum resolution 1920*1080@P60
	Video output	1 channel HDMI signal output, the output resolution of 1920*1080@P60
	Video display	A single picture、Picture in picture、2 split screens
	Video standard	Digital HD signal
	Input maximum frame rate	1080P@60
	Input resolution	HD:1024*768p@60fps, 1280*720p@50/60fps, 920*1080i@60/50fps, 1920*1080p@30/25fps, 1920*1080p@60/50fps

Audio	Audio input	4 channels audio input （1x3.5mm headphone interface MIC-IN and 1x3.5mm headphone interface LINE-IN、2xHDMI support audio input）
	Audio output	2 channels audio output（1x HDMI support audio output；1x3.5mm headphone monitor LINE-OUT interface ）
	Audio coding	AAC
	Recording mode	Synchronous recording of sound and video
Image processing and storage	Video output format	MP4
	Video coding frame rate	1～30fps
	Video Bit Rate	64kbps ~ 20Mbps adjustable
	Audio bit rate	8~128KB adjustable
	Data storage	External 3.0 storage device and built in SSD
Communication interface	RJ45 network interface	802.3ab 1000Base-T gigabit network interfaces
	USB interface	Supports 1 USB3.0 interfaces (mouse /U disk)
Function	Directing function	Video preview / live picture surveillance / video switch / broadcast images of multi screen display / audio adjustment/ image segmentation / adjust the credits / special effects / subtitles, OSD information, logo angle etc
	Recording function	Real-time stream/synchronous recording/one-button open stream and video/local channel playback/built-in player can be played back in real time
	Software upgrade	Support network upgrade and RS232 serial port upgrade
	Storage mode	Support built-in solid state hard disk, external USB storage, NAS disk mapping; support USB video export; support SAMBA share download; support FTP download video, FTP upload video
	Live broadcast protocol	The standard RTMP protocol， supports RTSP real-time protocol flow, UDP multicast stream and TCP unicast stream
	Network protocol	Support TCP、UDP、RTMP、RTSP、RTP、NFS、FTP、DHCP protocol
Environment	Working voltage	DC 12V
	Working temperature (℃)	-10℃-85℃，the ambient temperature under good ventilation conditions
	Working humidity	Below 85%RH
	Equipment weight（KG）	1KG Gross weight
	Size（mm）	204mm*127mm*34mm

3.Embedded X2 box software interface map

1: **Live screen preview**

2: **Recording and playback area**: from top to bottom buttons are: recording button, stop button, live button, playback button

3: **Lead area**: from left to right: A channel, B channel, picture in picture mode, picture painting mode, special effects button, file management button, menu button