iSEMC

Media Processor

CRS-Mini

❚ INTRODUCTION

CRS-Mini is the ultimate video solution for anyone looking to create professional-quality videos effortlessly. This all-in-one device offers up to 3 Full HD video sources, allowing you to capture, mix, switch, record, and live stream all at once. With real-time assistant in video making, you can create stunning videos without any hassle.

CRS-Mini is the perfect video solution for anyone looking to create professional-quality videos effortlessly. With multiple video inputs, versatile video outputs, all-in-one design, easy control, compatibility, portability, internal storage, and versatile applications, CRS-Mini has everything you need to create stunning videos for any purpose.

CRS-Mini can be used for a variety of applications, including lecture capture, meeting and conference recording and streaming, conference training recording and streaming. Whether you need to record a lecture or a training session, CRS-Mini has everything you need to capture and share your content.
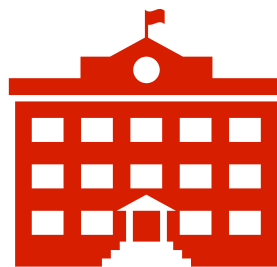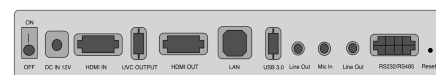
CRS-Mini

4k Tracking Camera

☑ HD Muti-layout encoding,recording ,streaming

☑ Low-latency video streaming

☑ UVC output and stream

☑ Direct-connection with communication tools

☑ Easy PIP layouts

☑ Variety of video inputs and output API and RS-232

☑ One-press recording
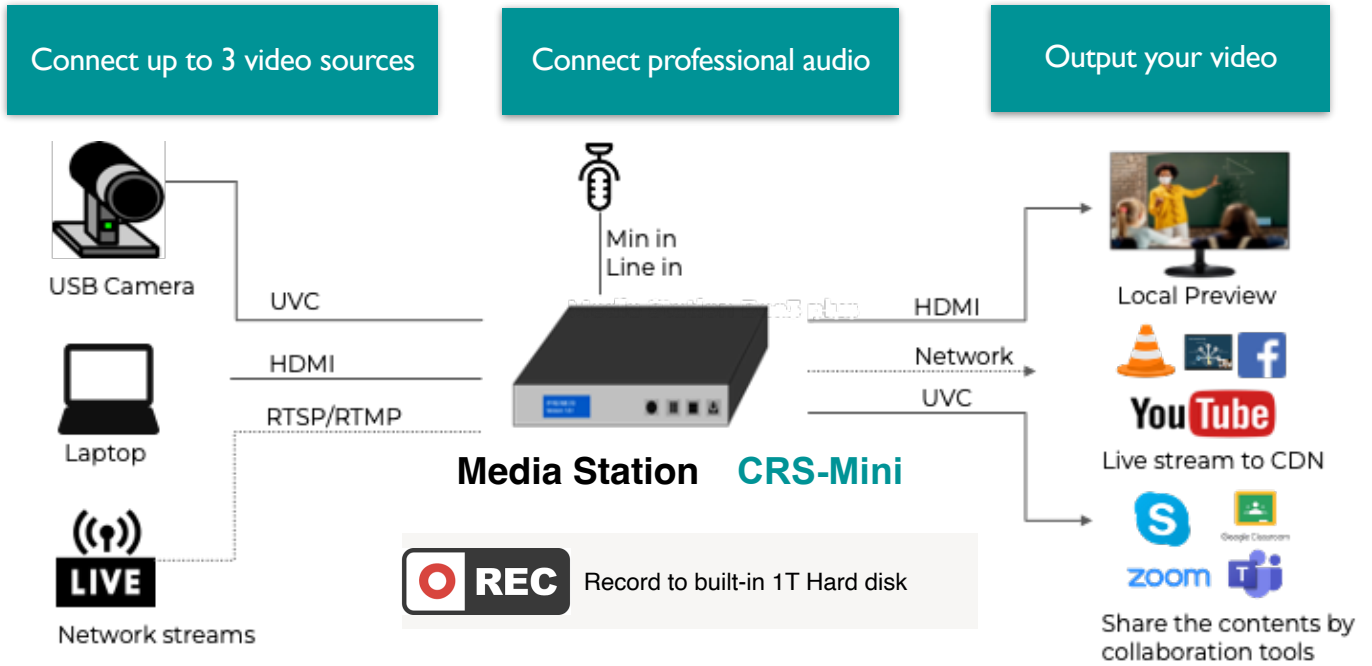
☑ Web-based UI for advanced control

CRS-Mini

◥ FEATURES

- Multiple Video Inputs ： CRS-Mini supports 1 IP input, 1 HDMI input, and 1 UVC input, or 3 IP stream inputs. This means you can connect multiple devices to capture different angles, ensuring that you never miss a shot.

- Versatile Video Outputs With 1 USB 3.0 output, 1 HDMI output, HDMI out, and UVC output, CRS-Mini makes it easy to broadcast your mixed video to a wider audience. You can use any of these outputs to connect to different devices or platforms

- All-in-One Design ： CRS-Mini is designed to be an all-in-one solution for video production. With built-in encoding, recording, and decoding, you can capture and stream high-quality videos effortlessly

- Easy Control ： With RS232/RS485 support, CRS-Mini can be easily controlled by third-party control systems. The crystal operate key on the front panel makes it easy to control the device manually.

- Compatibility ： CRS-Mini's USB port is compatible with most operating systems and video conferencing software, including Skype, Zoom, and Microsoft Teams. This makes it easy to use CRS-Mini for all your video conferencing needs.

- Compact and Portable: CRS-Mini's compact size and portability make it easy to carry around. You can take it with you anywhere you go, ensuring that you never miss a moment

- Internal Storage： CRS-Mini comes with an internal 1TB hard drive that can save hundreds of hours of

- recorded videos. This means you can capture and store all your footage in one place, making it easy to access and edit later.

- Versatile Applications :CRS-Mini can be used for a variety of applications, including lecture capture, meeting and conference recording and streaming, conference training recording and streaming. Whether you need to record a lecture or a training session, CRS-Mini has everything you need to capture and share your content In conclusion, CRS-Mini is the perfect video solution for anyone looking to create professional-quality videos effortlessly. With multiple video inputs, versatile video outputs, all-in-one design, easy control, compatibility, portability, internal storage, and versatile applications, CRS-Mini has everything you need to create stunning videos for any purpose.
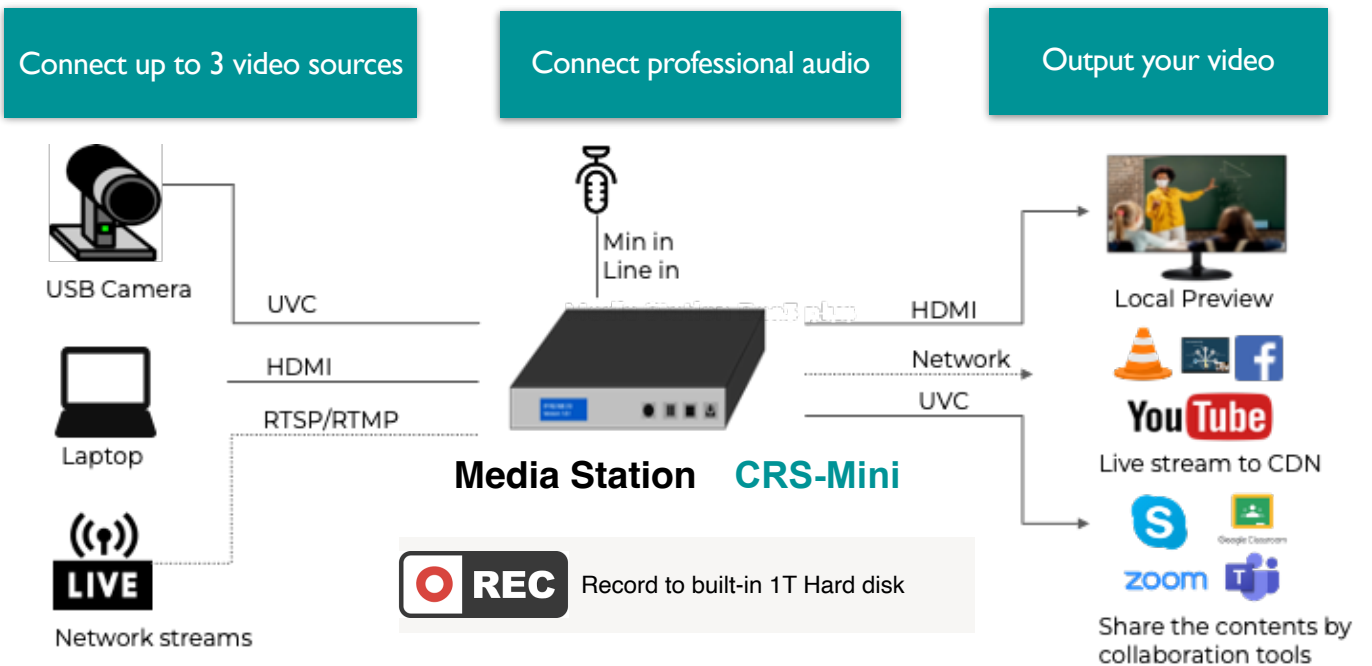
IP:192.168.1.10
Version: 1.0.1

ON OFF DC IN 12V HDMI IN UVC OUTPUT HDMI OUT LAN USB 3.0 Line Out Mic In Line Out RS232/RS485 Reset

CRS-Mini

iSEMC

＼ Work with PTZ camera

Connect up to 3 video sources	Connect professional audio	Output your video

USB Camera — UVC

Laptop — HDMI

LIVE Network streams — RTSP/RTMP

Min in / Line in

Media Station CRS-Mini

HDMI — Local Preview

Network

UVC

Live stream to CDN

Share the contents by collaboration tools

⬤ REC Record to built-in 1T Hard disk

＼ Work with USB auto tracking camera

Connect up to 3 video sources	Connect professional audio	Output your video

USB Camera — UVC

Laptop — HDMI

LIVE Network streams — RTSP/RTMP

Min in / Line in

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Connectors Description

Connector	Description
Display	1.54 inch ,show the IP address and status of working
Start	Start the video & audio recording
Pause	Pause the video & audio recording
Stop	Stop the video & audio recording
Download	Press the button download the last video to USB
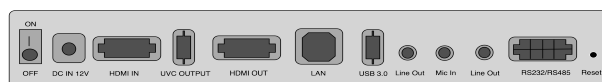
Power Switcher	Power on & Power off
DC IN	DV 12V/3A power input
HDMI IN	HDMI 1.4 together with audio input
UVC OUT	Output the PGM video by UVC port
HDMI OUT	Output the PGM video by HDMI port
NETWORK PORT	RJ45 Gigabyte network port
USB 3.0	Multifunctional interface, it can be confined as UVC port for video input , or as USB port for video download, the function is configured by webpage
LINE OUT	3.5mm audio output (unbalanced)
MIC IN	3.5mm Mic in (unbalanced)
LINE IN	3.5mm line in (unbalanced)
RS232	Standard control port for 3rd-party use
RS485	Standard control port to control cameras
RESET	Restore factory mode

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⟍ Specifications

Item	Description			
System OS	Linux			
Video inputs	Numbers : 3 videos (1 x HDMI, 1 x UVC, 1 x RTSP/RTMP network stream)			
	Video Resolution	HDMI	640*480, 800*600, 1024*768, 1280*720, 1280*800, 1280*960, 1280*1024, 1440*900, 1400*1050, 1920*1080	
		UVC	Up to 1920 x 1080P@30	
		Network stream	Up to 1920 x 1080P@30	
Video output	Connector	1 x HDMI , 1 x UVC		
	Resolution:	HDMI	1080	
		UVC	MPEG/YUV, up to 1080P@60	
Video encoding	Codec	H.264 High Profile		
	Bitrate	300 kbps to 16 Mb/s		
Video switching	Operate web UI and 3rd party control system webpage during live streaming and rec			
Streaming protocol	RTSP, RTMP ,RTMPS(support publish to youtube, twitter, facebook)			
Recording	Real time			
Video layout	PIP, POP, Single video, Size by size and up to 10 groups of layout			
Encoded programs	Up to 1080p30 programs at 30 fps (with up to 3 Full HD sources)			
Audio input	1 x Line in, 1x MIC in, 1xHDMI audio in			
Audio output	1*Line out/1*HDMI audio out			
Audio encoding	AAC (sampling @ 48 kHz)			
Security	User management and Password login			
Network	1 ×1000 Ethernet port (RJ45)			
Storage	Hard disk	Built-in 1T storage		
	USB 3.0	Automatic or manual copy via 1 USB 3.0 ports		
Network Storage	SFTP, FTP			
Recording formats	Mp4			
Control	Webpage, RS232 API, Telnet			
control camera	Pan/Tilt/Zoom over RS485 API			
Dimensions (W x D x H)	256mm*58mm*175mm			
Power AC	DC12V/3A			

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