



# WOW Ripple

Media Streaming Solution



**Break Communication Barriers**

With WOW Ripple

**WOW**VISION



## WOW Ripple V2

The WOW Ripple V2 is a cost effective “ALL IN ONE” Recording, Live Streaming and Media Archiving solution for Enterprises, Education, Government, Medical, Hospitality and Live Events to deliver rich media content.

The WOW Ripple V2 allows you to capture two live sources via HDMI or DVI input and it comes with a user friendly and feature rich “Template Designer” that gives you flexibility to control the way your media is shown to your audience. The Template Designer provides a host of options to add the live sources as well as an additional two uploaded/ recorded video contents and graphics overlay image such as your logo. It also allows to add Scrolling text or RSS feeds above the playing content in real-time.

The WOW Ripple V2 is packed with advanced features, It is designed to meet the ever-growing needs of presenters, faculty, students and AV & IT staff. Unlike basic presentation recorders, Ripple V2 does more than just record a slide presentation and talking head – it captures multiple sources simultaneously including audio from the presenter and computer, up-to two HD cameras, document camera, and whiteboard. Ripple V2 seamlessly integrates with YouTube and others, making life simple for AV and IT personnel and enables educators to focus on what they do best — teach.

QUALITY CAPTURES, SEAMLESS  
LIVE STREAMING AND PRECISE  
SCHEDULES.



As your capture recording and publishing activities increase, being able to easily monitor and manage your deployment becomes vital. The WOW Ripple Central Management System allows you to easily manage your capture deployment and provides centralized monitoring and complete control from anywhere for automated video workflows.



# WORKING PRINCIPLE



The real advantage of the WOW Ripple is in its simplicity. This all-in-one box solution helps presenters present rather than force them to grapple with complicated hardware.

The WOW Ripple presentations do not require a post production process and hence are available for download the moment presentation ends.

The viewer requires only a standard browser to watch the stream.

With a full suite of menu-based management options, it is easy to schedule recordings at specific times, adjust settings, download and play recordings, or view and record simultaneously.

Providing a comprehensive webcasting solution wowRIPPLE Streaming Solution will support up to 1080p, 60Hz signal capture.

An overlay helps put RSS feed and similar scrolling text over your current content.

# FEATURES



## 1. Streaming & Recording

The WOW Ripple V2 can simultaneously record and stream multiple sources. You can mix multiple sources in one single stream like Live HDMI sources [Video + audio], pre-recorded videos, Logo, RSS feed, images, static text, scrolling text, clock etc.

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## 2. External Sources

This feature allows to capture USB camera/ USB Document Camera connected to Ripple unit as live feed and mix with existing HDMI sources or can be streamed as individual source. You can add external audio sources over USB like Clear One - Chat 150, Yamaha YVC-300.

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## 3. Layout Manager

It allows user to create different screen layouts of your choice for streaming and recoding content. These layouts can include Live sources, Pre-recorded or uploaded videos files, Logo, images, RSS feed all at the same time. You can also change these layouts on run time to add / remove any of the source while streaming/ recording.

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## 4. On Screen Display Element Designer

This allows user to create overlay templates with custom logo, message, tickers like weather RSS feed or news RSS feeds etc. You can customize scrolling effects, speed, background etc. for all these elements. You can also put a Date/ Time as an OSD to streaming/ recorded video.

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## 5. Media Repository

Here you will find all recorded media files to play directly from Ripple or you can download them and save to your personal device for later viewing. You can also upload your own content and then stream it using this Ripple system.

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## 6. User Authentication

Ripple has a user management system to give restricted access to various users. There is multiple level of user access available to choose from so that you can restrict users to manage certain things or just give them view rights.

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## 7. Scheduling

It allows user to create schedule for recording of future events in advance. These schedules will start and stop automatically on the defined time without the user intervention.

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## 8. API Control [TCP/IP]

Recording can be controlled via a simple TCP/IP based APIs and can be configured with any control system.

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## 9. Cloud Streaming

You can choose to publish the live stream to any of the publicly available RTMP server or Live YouTube Channel, Facebook channel for larger audiences.

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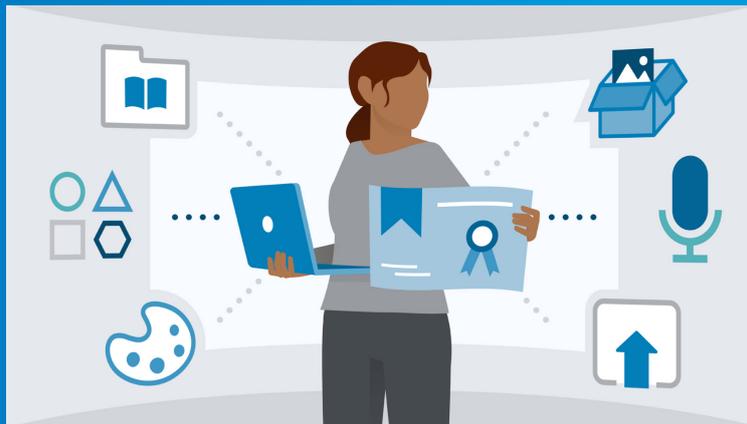
## 10. Multicast Streaming

You can enable to publish the stream to a very large audience using this feature. This will generate a single multi cast stream for all the users and they can play on personal players that support multicast streaming e.g. VLC.

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# EDUCATION



The WOW Ripple V2 is ideal for capturing, streaming, and recording lectures for education. Ripple V2 additionally lets you create high-quality recordings that you can edit or make available immediately after class for on-demand viewing. With access to live and on demand content anywhere, anytime, the WOW Ripple V2 is sure to give you a captive audience and the power to transform online learning.

IT administrators will find Ripple V2 simple to set up and integrate into any third-party controllers such as Kramer Control or Crestron.

## Online Education

The use of videos in online classes is accelerating rapidly in universities throughout the globe and across disciplines -- from the arts, humanities and sciences, to professional and vocational programs.

## Student Presentations

Make customized video recordings for students, record presentations and create training videos to get your stakeholders up to speed.

## Licensed Content

Our security features and access restrictions allow institutions to secure and control access to content.

## Marketing

Ensemble Video provides all the video tools marketing and communications professionals need to engage prospective students and convert them into enrolled students.

## Staff Training

Turn your training sessions into searchable, on-demand resources for students, staff and faculty.

# HEALTHCARE



Health care organizations can use the WOW Ripple V2 to accelerate medical education using easy, cost-effective tools to create video-on-demand resources and live stream interactions for internal health care professionals as well as public stakeholders. The WOW Ripple V2 makes it easy for you to record events, presentations and interactions, and provide straightforward access to video content, whether you are delivering training, communicating with patients, supporting healthcare education or documenting clinical outcomes. Learn more about our open, technology agnostic video management platform which offers medical centers great flexibility for all your video capture, management and delivery needs.



# ENTERPRISE



The WOW Ripple V2 provides a comprehensive platform for capturing video from a variety of sources, simplifying its management, automating publishing, and controlling access to the content. Ripple V2 enables enterprise customers to connect everyone across the organization. Upload, store, share, search and control your video-on-demand content. Additionally, our simple live streaming and screen capture tools enable your enterprise to easily deliver live broadcasts and create screencasts and webcam recordings. Whether viewers are in a different time zone or in another other office at headquarters, it's easy to share videos with anyone at any location with the WOW Ripple V2.

## **Corporate YouTube**

Create a custom branded Corporate YouTube to engage your stakeholders, staff and audience members with public or private content.

## **Live Events**

Share and record live events within your enterprise, or with stakeholders around the world.

## **Employee On-Boarding**

Make customized on-boarding videos for clients, contractors or staff to get them organized and up to speed.

## **Software Training**

Use the WOW Ripple V2 to stream and record presentations, make video recordings for clients and create training videos to keep your stakeholders well informed.

## **Meeting Recordings**

Record meetings for staff members and stakeholders using Ripple V2.

## **Communications**

Provides all the video tools marketing and communications professionals need to engage their audience using video.

## **Sales Training**

Make customized video recordings, record presentations and create training videos to quickly and easily bring your sales staff up to speed with new products and services.

# SPECIFICATIONS



Item	Parameters
Video Input	2 x HDMI [WUXGA 1200p]
Input resolution	From 720 x 480 to 1920 x 1200, FPS up to 60 Frames/sec
Storage	1 TB (Recording) and 120 GB (Operating System)
Network (LAN Port)	1 [Gigabit]
Video Output	1 x HDMI [1080p], DVI and VGA
Streaming and Recording Output resolutions	From 384 x 288 to 1920 x 1080 and Bitrate from 512K to 5M
Display Video Format	YV12, NV12, YUY2, RGB24, RGB32
Recording Video Format	MP4 [ H.264 ]
Audio Input	2 x HDMI Embedded Audio and Mic in
Audio Format	Stereo / 16-bit / 32000 ~ 48000Hz





# WOW Ripple

Media Streaming Solution

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