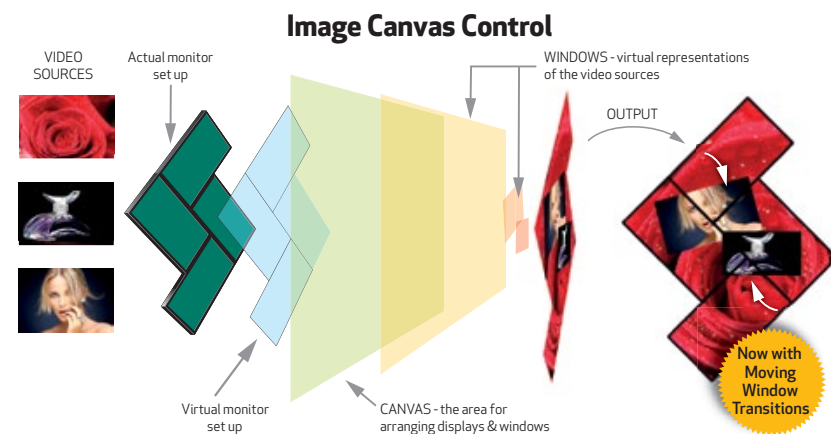


2016 Catalogue





CORIOmaster & CORIOmaster mini All-In-One Creative Videowall Processors

The C3-540 CORIOmaster and C3-510 CORIOmaster mini offer a new, more efficient approach to building video display arrays. tvONE's CORIO3 technology gives designers and users access to unexplored realms of video processing power. CORIOmaster delivers true power to the technical and imaginative minds driving today's stunning creative and dynamic videowall exhibits.

CORIOmaster is incredibly versatile and can be specified in most applications without fear of incompatibility. Nearly any video signal type can be input into the system and then scaled or converted to nearly any other signal type for output. External format conversion and scaling is unnecessary, so installation is clean and simple.

New in 2016, the 4K Streaming Media Input Module which provides CORIOmaster systems with the ability to bring 2 network streams up to 1080p 60 @ 20mbps in to just 1 slot. As well as file playback up to 4k UHD via USB 3.0 and 128Gbs internal memory. The Streaming Media Input Module also supports still images with full 4K rendering!

CORIOgrapher v2 Creative video wall design software

PRISTINE 4K IMAGE QUALITY

CORIOgrapher v2 supports 4K resolutions meeting today's demands for pristine image quality and sharpness. Support includes two new modules to the CORIOmaster systems; the HDMI 4K30/60 input module and the HDMI 4K30 scaling output module, both allowing resolutions up to 3840x2160 and are HDMI & HDCP compatible.

MAKE IT PERFECT, EVEN OFFLINE

Save time, build off-line. CORIOgrapher v2 software aids in your design process by allowing you to create video wall layouts from a PC without a connection to the CORIOmaster. Once designed, configurations can be uploaded into the CORIOmaster at any time using a direct connection or over the local area network.

NETWORK FRIENDLY

When the PC with installed CORIOgrapher v2 software is connected to a network that contains CORIOmaster devices, it will automatically seek them out and list them as available within the software. CORIOgrapher v2 will allow discovery of CORIOmax devices on multiple networks at any time.



ONERack Universal Rack Mounting System

ONERack is a universal, powered mounting system that vastly improves rack installation of small devices. tvONE's patent pending design converts randomly-sized, externally-powered devices from any manufacturer into slide-in modules that can be installed quickly and cleanly and serviced easily.

- Universal mounting for any brand.
- Chassis are available in 4RU, 5RU and 6RU and can hold up to 16 modules with up to two power circuits each.
- When using the ONERack Power Supply, each power circuit, can provide selectable power @ 5V, 7.5V, 9V, 12V, 13.5V, 18V, & 24V up to 35 Watts.
- A pass thru is also available for custom power sources.
- Each ONERack chassis can include one or more power supplies for added power which can also feed additional chassis, providing a clean power solution for all mounted devices.
- For service, just slide out a blade containing a failed device — no cable ties, no guessing.
- Close the front of your Onerack with a fan cover and keep it all cool.
- Up to 32 devices in just 4RU, powered and cooled!



Select between seven different voltages. Each slot can provide two different voltages at the same time. Includes a pass thru option for custom power voltages supplied by third party.



Daisy chaining power eliminates external power supplies and cleans up your racks. Each slot can be set to a different voltage.

Going The Distance



Voyager Fibre Optic Signal Distribution Platform

Distance, Performance & Reliability

Video extension, distribution & switching over fibre: Magenta Research's Voyager platform is an interoperable set of transmitters, receivers and matrix switchers. When combined, these components enable a virtually limitless variety of end-to-end configurations for the distribution of uncompressed video, audio and RS232 signals over fibre. Designed to deliver exceptional high resolution image quality and 24/7 reliability, the Voyager series offers advanced functionality and usability for digital signage and pro AV systems integration.

- Mix and match numerous video formats and with auto format conversion
- Integrate multiple signal types, including video, audio and serial
- Mix and manage protected versus unprotected content (HDCP)
- Cost effectively extend all signals over industry standard fibre.



Magenta Video Extenders

Magenta & tvONE has a full range of video signal extender modules



MultiView II DVI

Magenta can offer guaranteed signal transmission up to 1200ft (366m) using its proprietary MultiView technology on your structured cabling including Cat5 and Cat6 installations. DVI or HDMI, there are user-configurable settings for video, audio and serial options which can be controlled from the front panel.



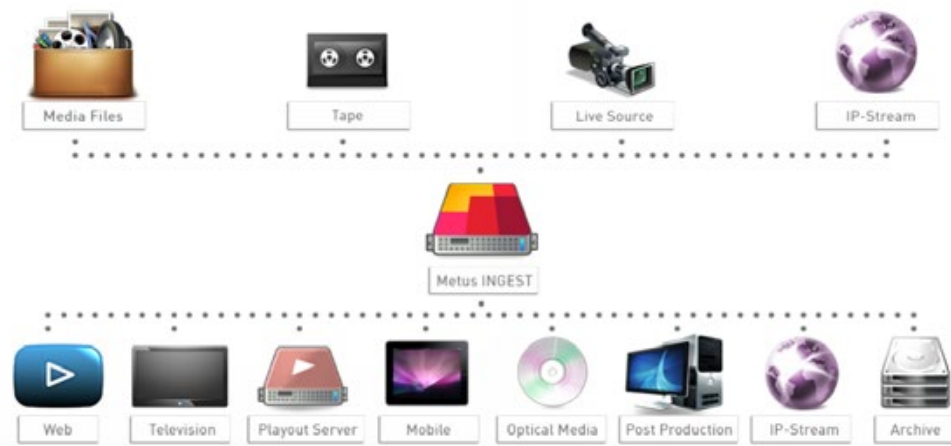
HDBaseT Extenders

Magenta and tvONE also has a wide range of HDBaseT-based extenders for the transmission of uncompressed video signals up to 4K.

Metus INGEST

Capture • Transcode • Stream

Everything about multimedia capture rolled into one awesome product.



Technical Specifications of INGEST

Metus INGEST is a professional desktop application for multi-channel, multi-profile, multi-resolution video capture and/or streaming from a variety of sources including analogue, SDI, HDMI, and IP sources. It can also be used as manual or automated video file transcoder.

Who can benefit from Metus INGEST?

Corporate, Educational, Medical

The ease of use of Metus INGEST, combined with its extensive feature set, allow it to be used by people who are not video professionals, for any type of live, VTR based or scheduled capture, streaming or transcoding task for Corporate, Educational, Medical markets.

Government, Security, Military

The uncompromising performance and stability of Metus INGEST, combined with advanced video processing, security and management features, make it an ideal tool for mission critical environments like government, security and military projects.

Live Production Companies

Whether recording a production in the OB van, or recording a conference to your laptop, the professional broadcast video quality of Metus INGEST, combined with efficient use of hardware resources and ease of use, makes it an ideal choice for live production. Need to capture in multiple formats? Need to stream to web at the same time too? No problem.

Media Monitoring Facilities, News Agencies

The security, logging, remote control and monitoring facilities of Metus INGEST, combined with features like router control, scheduled capture, DVB/ IP inputs and 7x24 stability, transform the task of monitoring and recording a huge number of channels from a pain-in-the-neck, to a walk-in-the-park.

TV stations

Whether recording a live event in the studio, or in the ingest room controlling a VTR, or capturing feeds 7x24, the wide format support, instant response, frame lossless operation and 7x24 reliability of Metus INGEST, allows it to fit like a glove into any TV workflow or system.

Multi Source, Multi Format, Multi Resolution:

INGEST can capture, stream or transcode from multiple sources simultaneously. Every source can have different resolutions in SD or HD. Each source can be captured in multiple files with different formats. Or streamed in a number of different compressions and bitrates. Or captured and streamed at the same time. Each channel can be individually controlled. There is no limit, other than the power of the workstation running the application, to what can be done with it.

Post Production Facilities

VTR batch capture and print to tape options, and watch folder support, combined with the wide range of broadcast formats and superior capture quality, makes Metus INGEST an ideal choice as ingest, outgest, and transcoding appliance for post production facilities.

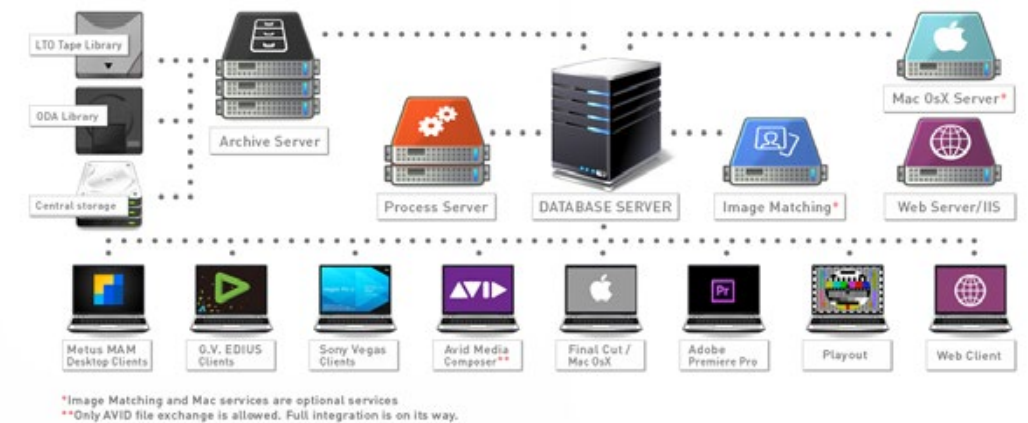
New Media, Web TV, IPTV

Whether for streaming a live signal to web, or for converting a batch of files automatically to X many required formats for web and mobile publishing, Metus INGEST is an indispensable and affordable tool for such people.

Metus MAM

Media Asset Manager & Archiving Solution

Manage, secure, search and share thousands of files, clips, images and other assets at the workgroup level, across an intranet or globally over the internet.



*Image Matching and Mac services are optional services
**Only AVID file exchange is allowed. Full integration is on its way.

Technical Specifications of MAM

Metus MAM (Media Asset Manager) helps you do the following:

- Collect your media assets into an archive
- Track the assets in your archive
- Convert and keep your assets in as many formats as you want
- Keep your archive useable, by making assets findable no matter the size of the archive
- Secure your archive while still making it accessible to users, under your control.
- Export and deliver your assets in as many formats as you want, with optional customised data
- Interface between your archive and 3rd party tools where you want to use it
- Keep track of actions performed on your archive
- And hundreds of more, useful things.

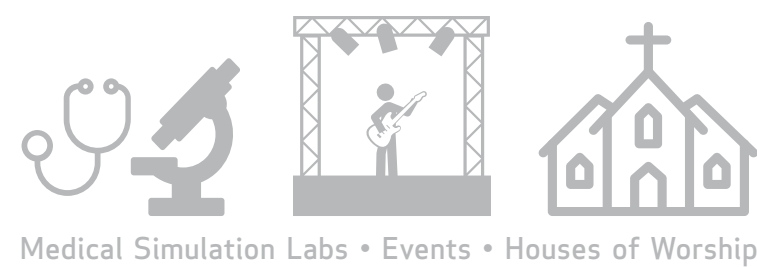
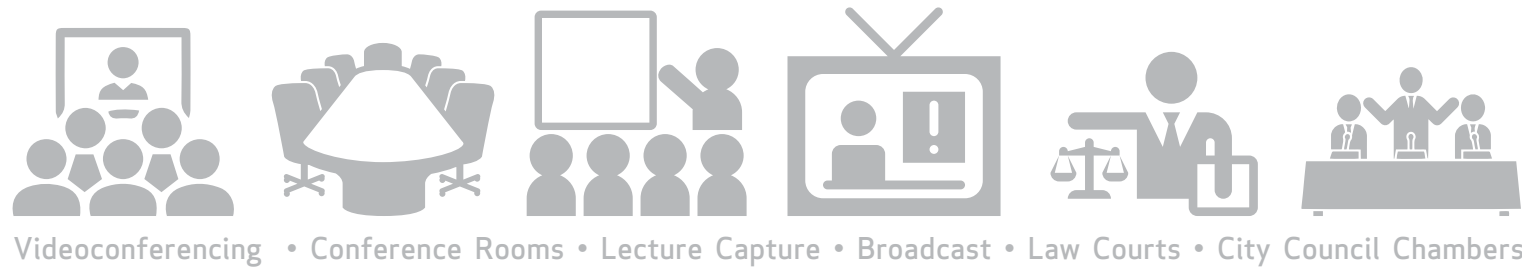
Metus MAM is not a tool for a specific market or application that forces you to work in a particular way. **No matter which market you come from, no matter what application you have, if it involves managing and processing a lot of multimedia files, Metus MAM is your ideal assistant.**

“ ”

Metus MAM allows you to stop worrying about how to archive your assets and keeps you focused on how to use them

Lumens PTZ Cameras

Quality optics, ease of integration, reliability, along with high speed/precise positioning ensure the highest quality images over the long term.



“The ability to connect the camera through USB without the need for additional complicated drivers and the quality of the optical zoom gives us the flexibility to use the cameras not just for room linking and desktop video conferencing but also for lecture capture. In the 6 years the University has been using the cameras there has not been a single failure and even now with an install base of over 100 units we have not experienced any product issues.”

— Gary Swift, AV team leader at The University of Liverpool



Lumens VC-A70H

4K UHD 30fps and 1080P 60fps video signal output format
12x optical zoom with 2x clear Image zoom, total 24x zoom
HDBaseT interface carries power, video and control through one CAT5e/6 cable
HDMI and HDBaseT image output simultaneously
Maximum horizontal/vertical speed of rotation: 300°/sec

Lumens VC-A60S

Dual colour option for different kinds of settings
Supports Wide Dynamic Range (WDR) to provide a vivid image even under backlighting
360 times variable zoom ratio (30x optical zoom with 12x digital zoom)
3G-SDI, DVI, Component, C-Video image output synchronously
Compatible with major video conferencing and lecture capture codec

Lumens VC-A20P

Full HD 1080p hi-def signal output format with a high frame rate of 60fps
10x optical zoom
Support live broadcasting (H.264/MJPEG format, SVC and ONVIF protocol)
Ethernet, DVI-I, and C-Video image outputs synchronously
Built-in image flip and mirror function for easy installation

Lumens VC-G30

Full HD 1080p supported hi-def signal output format
180 times variable zoom ratio (15x optical zoom with 12x digital zoom)
3G-SDI, DVI, Component, C-Video image output simultaneously
Exclusive 2D/3D noise reduction technology
Compatible with major video conferencing and lecture capture codec

Lumens VC-A50S

Dual colour option for different kinds of settings
Supports Wide Dynamic Range (WDR) to provide a vivid image even under backlighting
240 times variable zoom ratio (20x optical zoom with 12x digital zoom)
3G-SDI, DVI, Component, C-Video image output synchronously
Compatible with major video conferencing and lecture capture codec

Lumens VC-B20U

Equipped with a Sony 1/2.8 inch image sensor
USB 3.0 video output interface
USB 3.0 Plug & Play and compatible with Windows, Linux, MAC OSX, Chrome OS
Full HD 1080p hi-def signal output format with a high frame rate of 60fps
5x optical zoom is applicable for medium size conference room

Supercharged Video Collaboration

Inogeni Share 2:

Dual Video to USB 3.0 Super-Converter

Optimise your video collaboration and webcast with two cameras. Works with Skype, Zoom, Webex, GoToMeeting, Hangouts, etc.

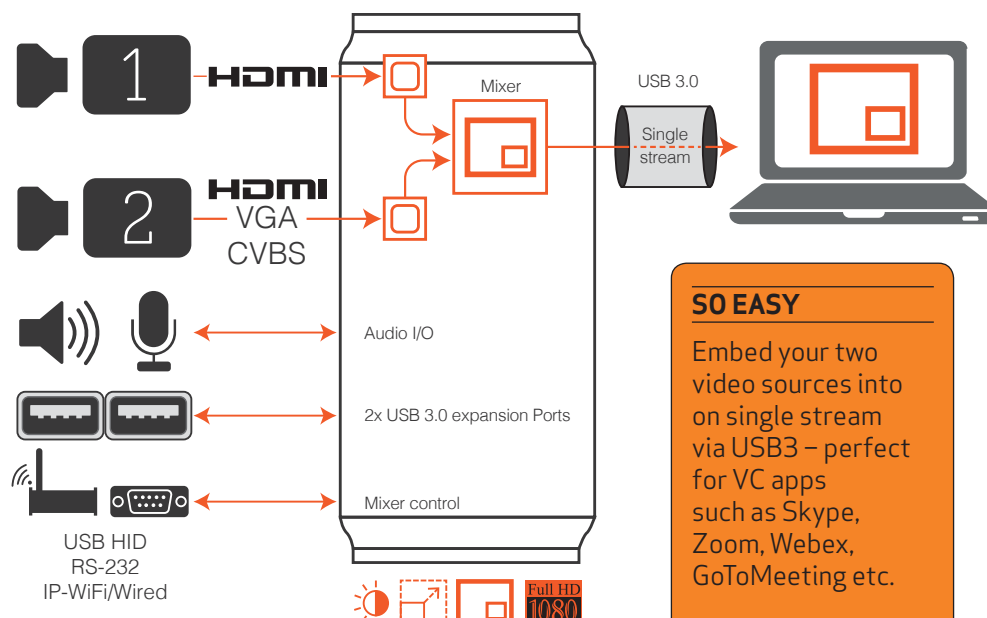
Reduces hardware complexity and save expansion slots and connections to your computer.

You can use the Mixer feature of the Share 2 to embed your two video sources into one single stream. This feature can be an important asset for you if your application only supports one video interface, like Skype, Zoom, Webex, GoToMeeting and all video conferencing applications.

The device can be controlled by an application on the host side using Inogeni's USB HID interface or with RS-232. You can also use the keypad on top of the device to control it manually.



Select HDMI Source 1, 2 or one of the three mixer options. Share 2 couldn't be easier to use.



SO EASY

Embed your two video sources into on single stream via USB3 – perfect for VC apps such as Skype, Zoom, Webex, GoToMeeting etc.

Inogeni USB3.0 Converters

Inogeni's USB3.0 Converters are easy and reliable tool to capture uncompressed video with audio for your PC for recording, editing, videoconferencing and streaming applications.

No driver installation is necessary and it will work on all motherboards and USB 3.0 chipsets.

All SD and HD resolution signals are converted to 4:2:2 8-bit or 4:2:0 12-bit colour spaces over USB 3.0, while all UHD resolution signals are converted to 4:2:0.

The embedded audio is extracted and output as two-channel LPCM.

Compact in size and powered directly from a USB3.0 port, these converters are a practical and easy-to-use USB3.0 capture solution. They're compatible with Windows, Mac OSX, Linux, and Android operating systems, and is UVC-compliant, so it will work with all DirectShow-compatible software.



4K»USB3.0

Features a single HDMI input and USB 3.0 output, and supports SD and HDTV video formats, up to Ultra HD 4K (4096x2160), and most computer graphic formats.



VGA»USB3.0

Features a VGA HD15 input, a NTSC/PAL input, a line level stereo analogue input and USB3.0 output, and supports SD and HDTV video formats, up to 1080p60, and most computer graphic formats.



SDI»USB3.0

Features a 3GSDI input with active loop output and supports SD and HDTV video formats, up to 1080p60.



DVI»USB3.0

Features a single DVI-D input (with HDMI adapter included) and USB 3.0 output, and supports SD and HDTV video formats, up to 1080p60, and most computer graphic formats.

EACH CONVERTER FEATURES

- Digital Fluid technology: internal frame buffers maximise frame rate with any PC
- Hardware-based colour space and sampling conversion
- Automatic scaling and frame rate conversion
- Customisable video processing functions
- Image controls: Brightness, contrast, saturation and hue settings
- Supports multiple devices on the same PC
- Powered from USB 3.0 port
- Compatible with Windows, OSX, Linux and Android

Streaming That Soars

Osprey Video provides simple, effective capture and encoding solutions to meet your needs in the most demanding environments.

Osprey Talon G1 Hardware Encoder H.264 Contribution Encoder

Osprey Talon is a small form-factor H.264 video encoder designed to be easy to use, portable, and easily stream both your standard definition and high definition content to broadband and mobile networks in H.264 to RTMP servers. It features a fanless design with a low power consumption of <6W. The wide input voltage range of 9VDC – 17VDC also makes it a perfect candidate for battery operated equipment and installations.

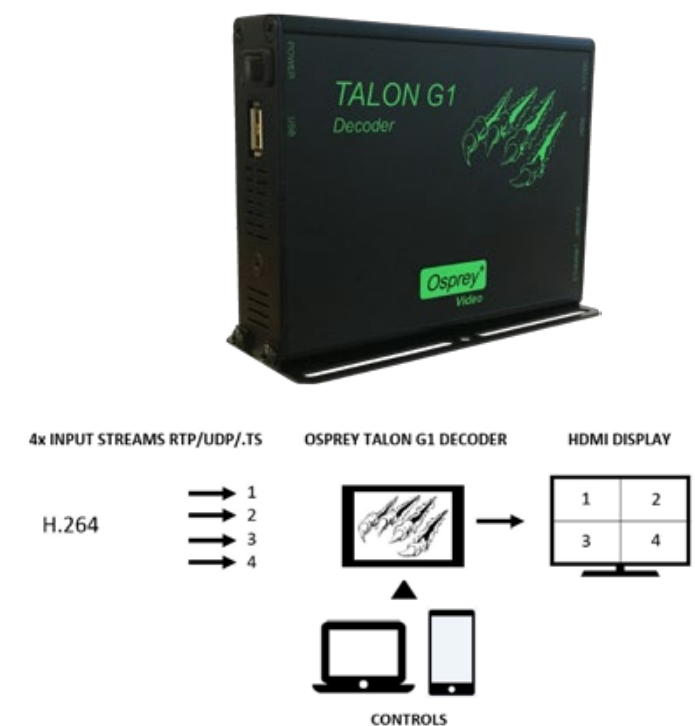
The Talon features two operating modes:

MBR Mode: Allows the user to select one source and stream up to three destinations in multiple resolutions and bitrates.

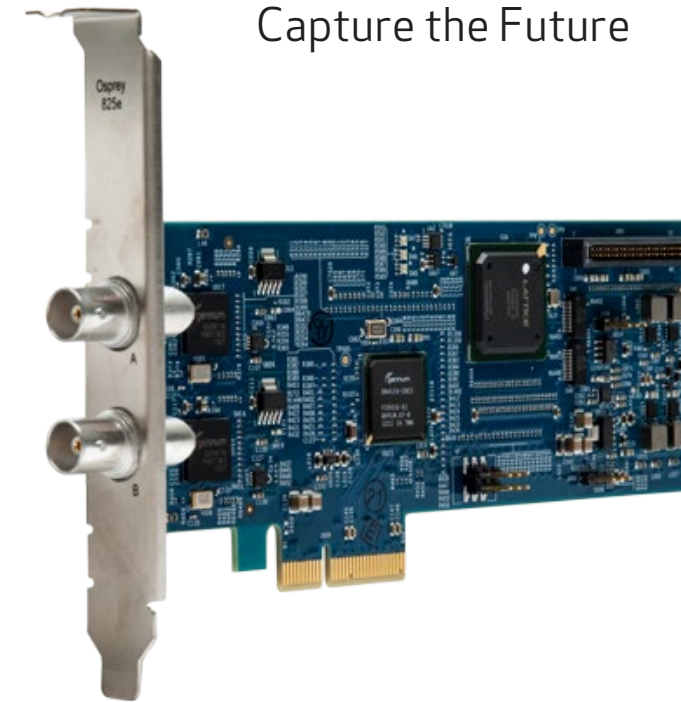
LC Mode: Ideal for lecture capture, LC Mode allows two sources to be streamed to two destinations. SDI becomes the primary input, and the user can select either HDMI or Composite as the second input.

Osprey Talon G1 Decoder H.264 Decoder

Osprey Talon is a small form-factor H.264 video decoder designed to be easy to use and portable. Using its GigE Ethernet port, Talon can decode up to 4 RTP or UDP streams (Unicast/Multicast) and display them in a resolution of up to 1080p60 via the HDMI output. Talon can also play .TS files from an external flash drive via its USB 2.0 port. It features a fanless design with a low power consumption of <6W. The wide input voltage range of 9VDC–17VDC also makes it a perfect candidate for battery-operated equipment and installations.



Osprey Video Capture Cards Continue the Legacy Capture the Future



Osprey SimulStream

A standard feature on all Osprey 800 series cards, SimulStream allows each input to produce multiple parallel output streams with completely independent settings for colour space, cropping, scaling, closed caption and overlays facilitating simultaneous delivery to multiple applications.

Additional Features

Signal Loss: In the event of signal loss, the Osprey card automatically replaces the lost video with colour bars with options for text overlay and audio tones. This feature helps prevent unplanned stoppage of downstream applications upon signal loss.

Video Pre-Processing

- VBI/VANC closed-caption extraction/on-screen rendering
- Logo/bitmap overlay • Scaling, cropping, de-interlacing and inverse telecine • ProcAmp control
- Vector Scope and Lumi Scope

Driver Support

Microsoft® DirectShow® API ; Linux

Digital PCIe Video Capture Cards

Osprey 827e

Two Channel Analogue and Digital

Osprey 816e

Single Input 3G SDI or DVB-ASI

Osprey 825e

Two Input 3G SDI or DVB-ASI

Osprey 840e

Video Capture Card
Four Input HD SDI or DVB-ASI

Osprey 845e

Four Input HD SDI or 2 Input 3G SDI or DVB-ASI

Osprey 820e

Two Channel DVI-I

Osprey 800a Audio Card

Four stereo channels of audio when attached to an Osprey capture card. Offers additional external audio inputs such as balanced, unbalanced, AES/EBU and SPDIF.

Osprey 821e

Video Capture Card
Two Channel HDMI

Analogue PCIe Video Capture Cards

Osprey 100e

Single Channel Analogue

Osprey 210e

Single Channel Analogue – Available with Simulstream

Osprey 260e

Single Channel Analogue – Available with Simulstream

Osprey 460e

Four Channel Analogue – Available with Simulstream

Wowza Streaming Engine

The Wowza Streaming Engine is robust, customisable and scalable server software that powers reliable video and audio streaming to any device.

Stream professional-quality audio and video:

- Live video streaming and video on demand to any device
- Unlimited transcoding for adaptive bitrate streaming
- Quick deployment and scalable delivery
- Cloud and on-premises deployment options
- UI and API control
- Customisable support plans and advisory services

Wowza Streaming Engine powers streaming of high-quality video and audio to any device, anywhere.



LIVE EVENT

Concerts
Stage Productions
Commencements
Conferences
Press Events



EDUCATION

Distance Learning
Virtual Classrooms
Concerts & Events
Research
Sports



ENTERPRISE

Webcasting
Unicast, Multicast
& Simulcast
Meetings &
Conferences
Monitoring &
Security
Training



BROADCAST

TV Everywhere
OTT, IPTV, Set-top
Box
Live Linear TV
Catch-up TV
VOD



LIVE SPORTS

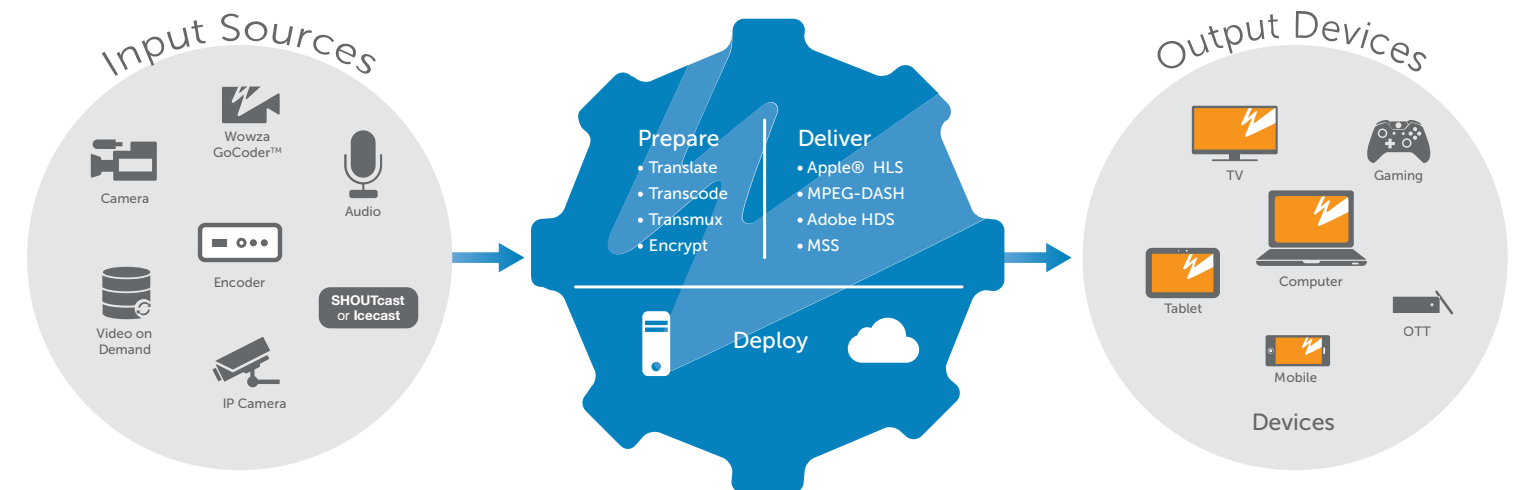
Pro & Semipro
Amateur & Club
Collegiate &
Secondary
Coaching &
Analysis
Gaming



SERVICE PROVIDERS

Online Video
Platforms
CMS
Enterprise Video
Platforms
CDNs

WOWZA STREAMING ENGINE™



Unlimited Transcoding for ABR

Wowza Streaming Engine provides unlimited live transcoding for adaptive bitrate (ABR) delivery across any network to any device.



Any Media to Any Device

Wowza software is platform-agnostic, multiformat, and multiscreen. It takes any video format, transcodes it once, and delivers it to any device.



Developer Tools

Wowza APIs and SDKs provide an extensive stable platform for developing and deploying custom streaming applications and integrations.



Pro-Quality Streaming

Wowza Streaming Engine includes a wealth of features designed to stream high-quality live and on-demand content.



VR & 360° Streaming

Leverage UHD capabilities and Wowza-integrated solutions to enable VR & 360 content streams.



Premium Support

Choose from a variety of support offerings to get the level of assistance that's right for you.



Live-Stream DVR

Provide viewers the best experience, including the ability to pause, play, and rewind a live video stream.



WebRTC

Address low-latency streaming use cases, including second-screen experiences, and video chat.



Multi-Level Content Security

Ensure that your streams, networks, and audio and video assets are protected with Wowza software's wide variety of security measures.



Flexible & Customisable

Leverage Wowza software's powerful, scalable, components to build solutions that support your evolving streaming needs.



Flash-Free Streaming

Make your streaming Flash-free with support for new and emerging standards – HTML5, WebRTC, MPEG-DASH, Apple HLS, and more.



Corsair Solutions

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