FOR.A ®
INNOVATIONS IN VIDEO
and AUDIO TECHNOLOGY

FOR-A
System package

4K/HD Live Production System

FT-ONE | Routing Switcher | Video Switcher | 4K Extraction System | Multi viewer

- Compact 4K switching system
- HD to 4K upconversion with URC-4000
- MFR-Series together with HVS-100/110 allow for expanded inputs.
- Applicable for live events using more than one full 4K variable frame rate FT-ONE camera.
- ZE-ONE extracts specified HD scenes from super-slow motion 4K images shot with the FT-ONE.
- Simulate free camera work via multiple in/out and intermediate points and desired size settings.
- Accepts mixed HD/4K signals for multi-viewing. MV-4200 supports 4K monitors.

4K →
HD →

FT-ONE/ FT-ONE-OPT → **MFR Series** → **ZE-ONE** → **HD Monitor**

URC-4000

HVS-100/110

MV-1620HSA/ MV-4200

HD materials
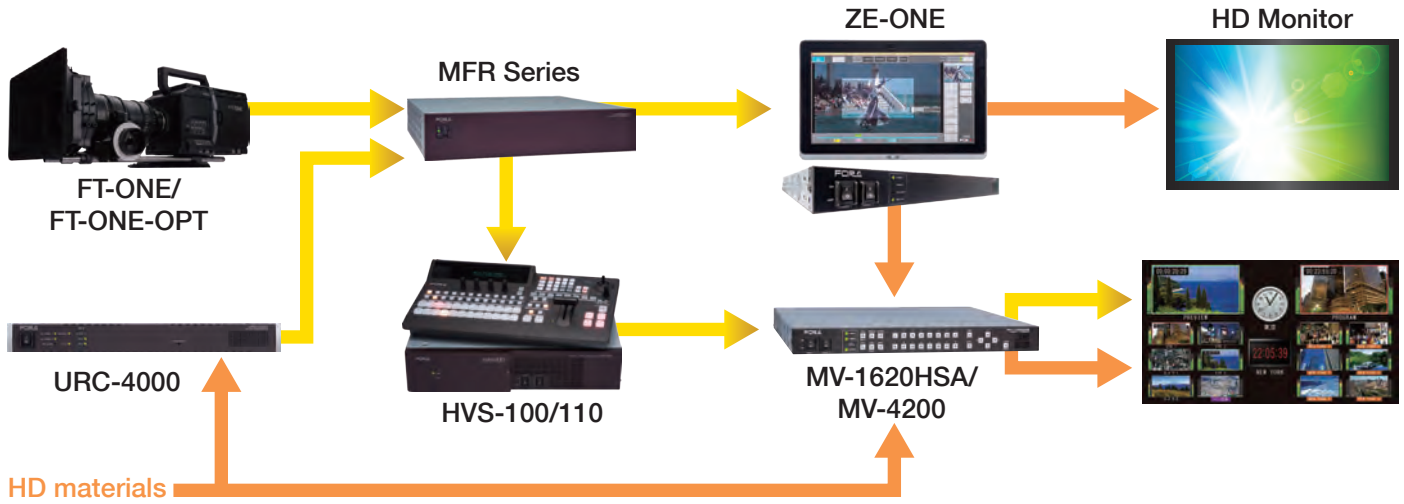
Name&Tally Link System

Routing Switcher | Video Switcher | Multi viewer

- MFR centrally manages and automatically distributed signal names to HVS and MV units.
- HVS tally information automatically transmitted to and displayed in conjunction with MFR and MV units.
- HVS control MFR XPTs

Crosspoint control ----→
Source name ----→
Tally ----→

HVS Series   **MFR Series**   **MV Series**
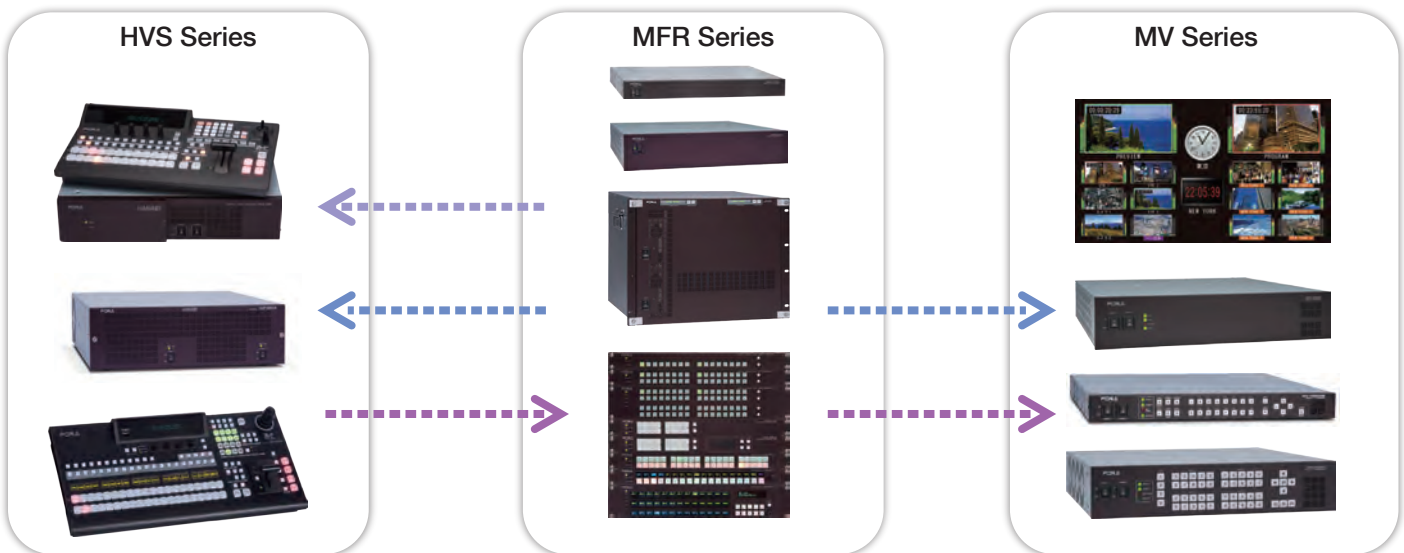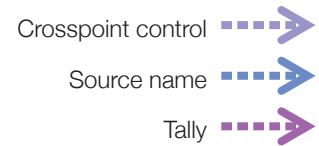
Compact HD Production System

HD →

Thunderbolt 2 →

- Integrated control over HVS, VTW, and Broadcast Box via GearLink GUI
- VTW-350HS allows Newsscroll and Autocast Plugin data linking.
- Record and replay variable file formats using Broadcast Box
- Transmit multiple HD images and control signals over a single cable via Thunderbolt2 interface
- Capable of I/P Streaming in/output

VTW-350HS   HVS-100/110   or   Broadcast Box   I/P streaming

Control

GearLink
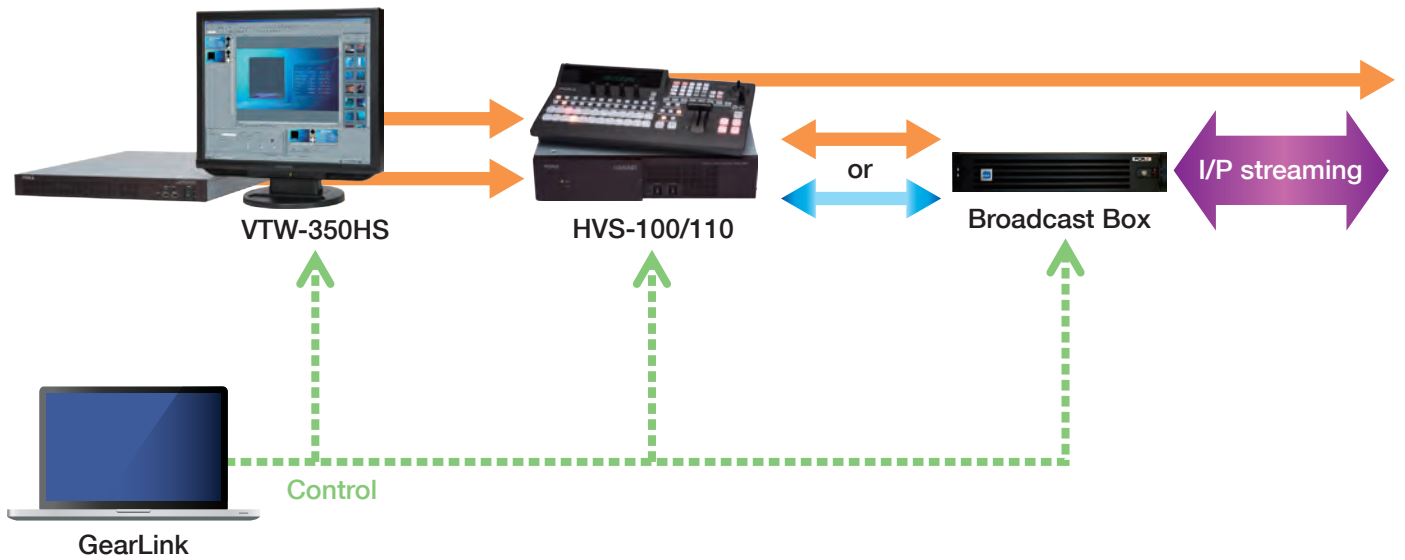
Compact HD Virtual System

HD →

Thunderbolt 2 →

- Advanced virtual studio systems can be created with just an HVS-100 and PC
- Easy to add VR function to HVS-100 over a Thunderbolt2 cable
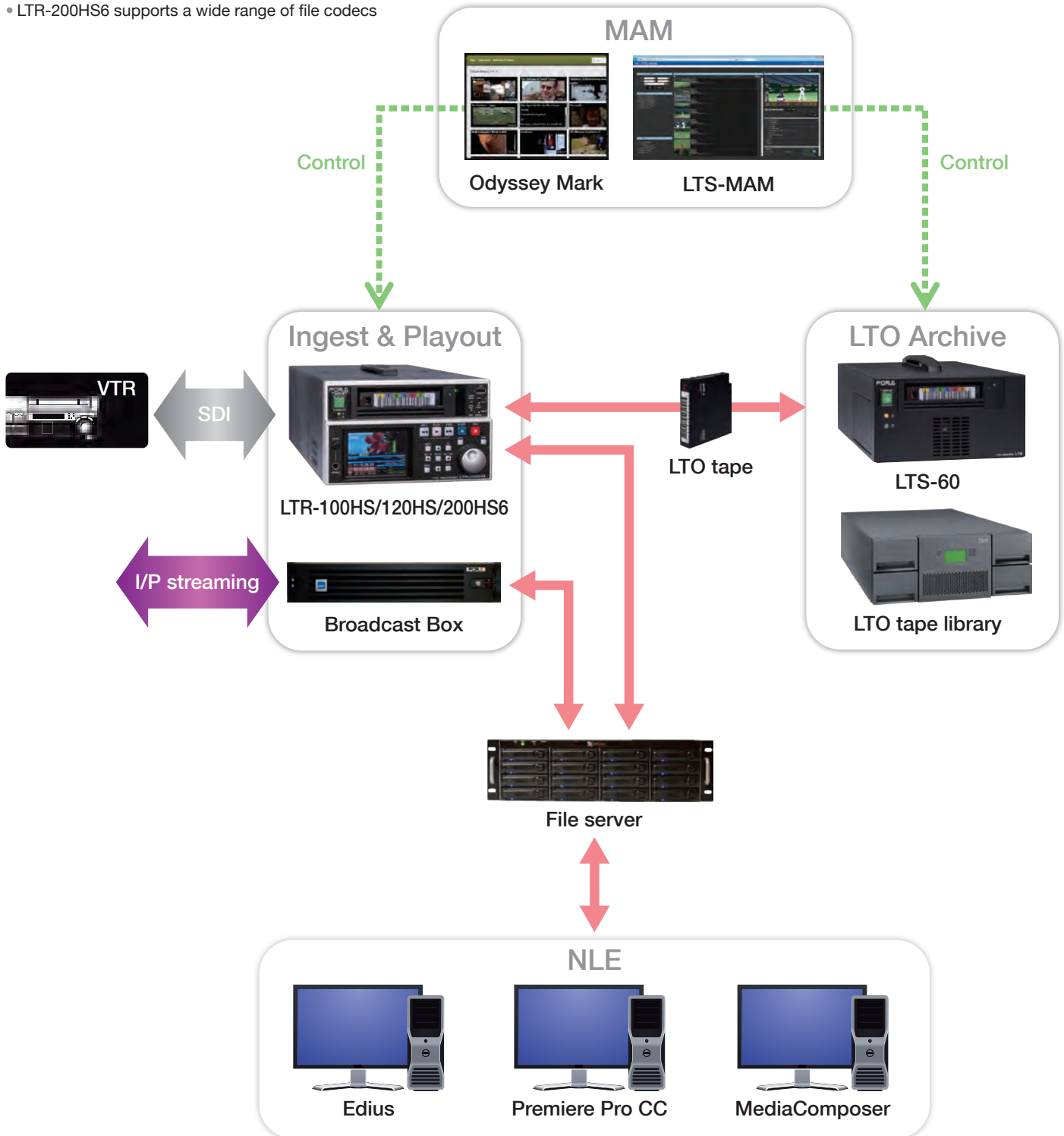- Multi-camera support

HVS-100

or

Brainstorm VR
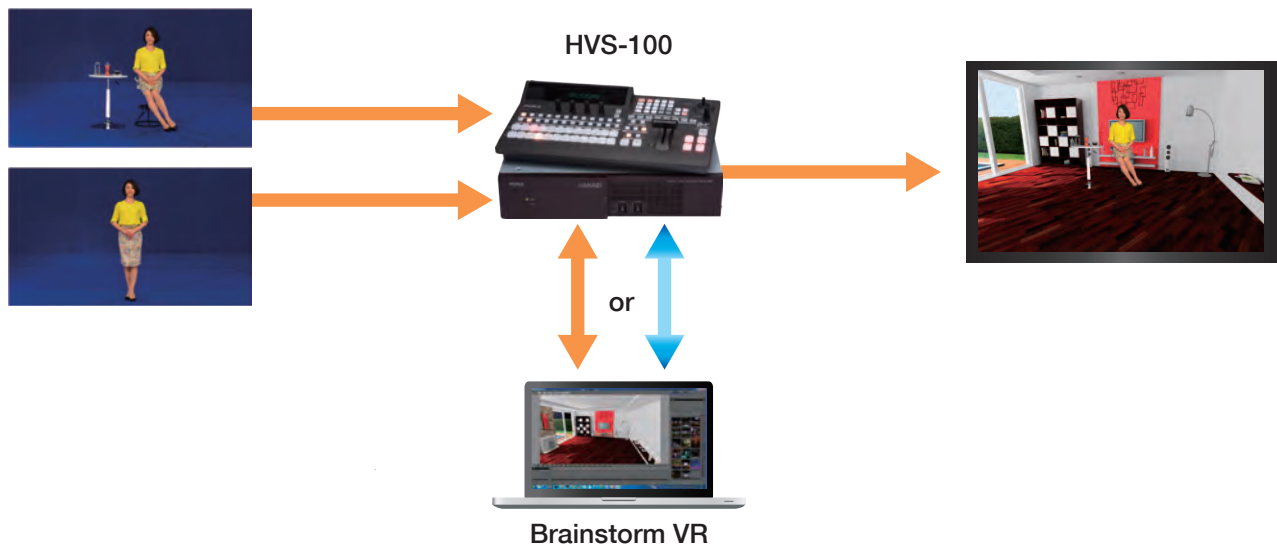
Filebase Workflow

- Baseband conversion/ingest to files in LTR and BroadcastBox
- File and metadata administration in MAM (Odyssey Mark, LTS-MAM)
- Archive onto LTO tape
- Import LTR-recorded source materials directly to an LTS-60
- Functions as a bridge between baseband and filebase systems
- LTR-200HS6 supports a wide range of file codecs

MXF →

MAM

Odyssey Mark   LTS-MAM

Control   Control

Ingest & Playout

VTR

SDI

LTR-100HS/120HS/200HS6

I/P streaming

Broadcast Box

LTO tape

LTO Archive

LTS-60

LTO tape library

File server

NLE

Edius   Premiere Pro CC   MediaComposer

Bridge Products

FA-1010/505

- Synchronize low-cost, non-genlock-compliant cameras (GoPro, etc.)
- All-camera input color correction
- All-input LTC embedding
- Up/Down/Cross converter on each channel
- Integrated 10x10 (FA-1010), 5x5 (FA-505) Clean switch router

FA-1010

FUJITSU IP-920/9500/9610

- I/P transmission
- Best-in-Class Video Fidelity (esp. at low bit rates)
- Minimizes color degradation in ENC/DEC daisy chained systems
- Robust Error Correction w/FEQ+ARQ Blending
- Ultra Low Latency

IP-920

IP-9500

IP-9610

FT-1READ, FT-1CDS

- Develop your Digital Intermediate workflow, color grading, etc.
- Cartridge docking station FT-1CDS allows quick data copying from FT-ONE SSD cartridges to PC or external HDD.
- DPX converter FT-1READ allows file conversion to DPX and CinemaDNG.
- FT-1READ allows 3DLUT production from images.

FT-1READ

LTR-100HS/10CR/120HS/200HS6

- Archive SDI input directly to LTO tape
- Up to 80 hours of recording (at 50 Mbps) onto LTO6 tape
- Continuous recording on LTO tape via LTR-10CR and file output to external NAS

LTR-200HS6

FT-ONE/FT-ONE-OPT Full 4K Variable Frame Rate Camera

The high-speed camera designed for super-slow-motion acquisition at 4K resolution up to 900 frames per second (fps).

ZE-ONE Zoom Extraction System

Frame and extract specified HD scenes at any size from 4K sources using an intuitive touch-screen interface.

MFR-5000/8000 3G/HD/SD/ASI/AES/Data Routing Switcher

MFR-5000/8000 offers expansive flexibility at the core of your system, such as tally connections with video switchers and multi viewers and automatic source name tracking.

MFR-3232 3G/HD/SD/ASI Routing Switcher

Optimal routing switchers for constructing small- and medium-scale systems.

HVS-100/110 Portable Video Switcher

HVS-100/110 inherit and improve upon the diverse functions and features of the popular HVS-300HS, including mixed HD/SD input, frame synchronizing, re-sizing engine, 2.5D wipe effects, DVE, Chroma keyer and DSK.

URC-4000 Super Resolution 4K Up Converter

The URC-4000 provides powerful up-conversion and turns HD video into 4K in real time.

MV-1620HSA 3G/HD/SD/Analog Mixed High-Resolution Multi-Viewer

4K-Compatible, 16 Channels of Input, Dual-Screen Output High Performance With Better Energy Efficiency

MV-4200 3G/HD/SD/Analog/HDMI/DVI/RGBHV Mixed High Resolution Multi Viewer

4K-Compatible, 68 Channels of Input, 8-monitor Output High Performance with Better Energy Efficiency

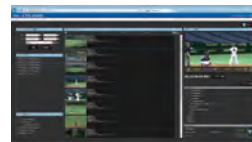## MV-3200 HD/SD/Analog/PC Mixed High Resolution Multi Viewer

Up to 32 Inputs with 4-Screen Outputs

VTW-350HS HD/SD Character Generator

With its lightweight, compact design, the VTW-350HS is an extremely portable HD/SD character generator, perfect for live applications.

LTS-MAM LTO server material file management software

LTS-MAM lets users register, search, re-purpose, and manage material files, via an intuitive web browser interface using a LAN-connected PC or Mac computer.