

# XStream Field 2

High-performance shared storage for collaborative workflow on the move.



## Small size - big performance

Field 2 – our second-generation portable storage unit – is the perfect solution for situations where you need media and project sharing in a small, quiet box.

Designed to meet even the most stringent airline regulations for carry-on baggage, Field 2 can travel with you wherever you go – providing an instant collaborative editing environment in a hotel room, on a film set, at a remote office, or in an ENG van.

Field 2 has all the standard features you expect to find in EditShare's XStream shared storage models, including hardware RAID protection, enterprise "spinning disk" or SSD drives, media and project-sharing support for Avid, Final Cut Pro, Premiere Pro, and Lightworks, the EditShare Sync Tool™ for sending media to another EditShare system over the Internet – even scalability and expandability options. And every XStream Field 2 system also includes our comprehensive Flow Media Asset Management solution and our easy to use Ark Media Archive solution.

Field 2 comes with four Gigabit Ethernet ports for direct connections to client workstations or laptops. Options include adding:

- ▶ Up to ten more Ethernet ports, for a total of fourteen direct connections.
- ▶ An expansion unit to double your storage, or for sending material shot in the field back to home base.
- ▶ A single 10 Gigabit connection for use with a switch.
- ▶ A SAS or Fibre Channel HBA for connection to an Ark Tape Library.
- ▶ A 2-channel Flow SDI Ingest card for recording directly to Field 2 storage, including edit-while-capture support for fast-turnaround events. With Field 2 and a Flow SDI card, you can capture an event in a variety of codecs and start editing from central storage within seconds of beginning the recording.

## Media asset management

Flow media asset management platform provides a powerful toolset for the creative control of all files during the production process. From ingest to delivery, Flow will tag, organize and manage your media assets. Flow Automation can handle any repetitive, routine task including transcoding, duplicating and sending confirmation emails and notices. AirFlow, a web-based browse application lets remote users browse, search and download high res or proxy files to support review & approve processes, remote

editing or other emerging tasks. For high res workflows, Flow also supports scan and proxy support for 4K and image sequences such as DPX.

## Managing Field 2 storage

EditShare Connect enables Field 2 system administrators to easily manage user accounts and privileges, to establish shared media and project spaces, to define quotas and to perform other system-level tasks. With EditShare Connect, there's no need to interrupt users for minor tasks like adding users or for major tasks such as the addition of an entirely new storage node to an EditShare server group.

## Product highlights

### Flexible Storage Options

Field 2 is available with several different hard drive options allowing you to choose a configuration that best meets your needs. Models equipped with 1, 2 or 4TB Enterprise HDDs provide economical storage capacity that is capable of supporting eight streams of ProRes 422 or Avid DNxHD 145 or twenty four streams of DV25 or XDCAM-EX25. Variants equipped with SSDs provide the high performance needed for uncompressed HD, 2K and 4K workflows.

### EditShare Project Sharing

Project sharing lets editors draw on the same central pool of media and work in the same project simultaneously, freely and safely sharing raw material, bins and sequences.

### Powerful, Easy Connectivity

Media-optimized Gigabit Ethernet connections combine large stream counts with simplicity and cost-effectiveness.

### Integrated Flow Asset Management

Every Field 2 system incorporates Flow for file-based ingest, cataloging, searching and browsing, simple cuts-only editing and drag-and-drop into industry-standard NLE applications. AirFlow supports cloud-base workflows such as review-and-approve and remote proxy-based or high res-based editing.

### Deletion Security

Controls who can delete files and when. Also, EditShare uniquely includes delete to "Trash" and "Undo" functions.

### Ergonomic Carry Bag

An optional Porta-Brace™ carry bag facilitates comfortable transportation of a Field 2 unit.

## Field 2 administration features

- ▶ Intuitive User Management tool for creating unlimited editor/user accounts.
- ▶ Ability to grant 'limited administration' privileges to editors for common management tasks.
- ▶ Storage Usage tool provides clear overview of space utilization.
- ▶ Active Directory support for unified logins.
- ▶ CSV file import for easy creation of large numbers of users and media spaces.
- ▶ Clean Slate tool allows quick but controlled deletion by project, user, or media type.
- ▶ Remote Support tool allows activation of live remote desktop for support by EditShare technicians.
- ▶ Notification when space quota levels are being approached.
- ▶ Watch folder file notification service for broadcast playout servers.
- ▶ Daily Health Report indicators of system status, hard drive health, UPS health, space utilization, and more.
- ▶ Remote administration from any Windows, Mac or Linux client.
- ▶ All alerts and information can be emailed automatically to system administration team.

## Client support

- ▶ EditShare Connect tool: mounts users' authorized media and project shares and manages administration tools.
- ▶ EditShare Project Browser: for managing shared projects (metadata) for tight collaboration.
- ▶ Real-time project sharing: Avid, Apple Final Cut Pro7, Apple Final Cut Pro X, Adobe Premiere Pro and Lightworks - project sharing with sequence and bin locking.
- ▶ Real-time collaboration: Avid Media Composer®, Avid DS, Final Cut Pro, Lightworks, Premiere Pro®, Adobe After Effects®, EDIUS, Smoke, Resolve, Digital Vision, Pro Tools, and more on standard EditShare media spaces.
- ▶ Mac OS X 10.6 - 10.10, Windows 8/7, and Linux client platform support.
- ▶ Supports SMB, AFP client network protocols; NFS also available.
- ▶ No per-seat client licenses.
- ▶ File-level locking/protection for perfect video workflow and sharing.
- ▶ Support for direct capture and play from EditShare media spaces in Pro Tools v10 or higher.
- ▶ Optional iSCSI support for other software applications and versions that require direct-attached storage.
- ▶ System can be managed from any workstation on the EditShare network.
- ▶ Server can support unlimited number of clients (subject to bandwidth limitations of network and HDD).

## Expandability

- ▶ Storage capacity can be increased using SAS expansion from Field 2 server RAID card.
- ▶ One SAS Expansion Chassis supported per Field 2 server: each Expansion Chassis is four 3.5" drives in 1TB, 2TB, or 4TB disk sizes; or eight SSD drives in 1TB.
- ▶ Multiple Field 2 or other EditShare XStream storage servers can also be added and easily administered together using EditShare's Extreme Scalable Architecture (ESA).
- ▶ Virtually unlimited storage size and number of simultaneous users is therefore possible.

## Networking

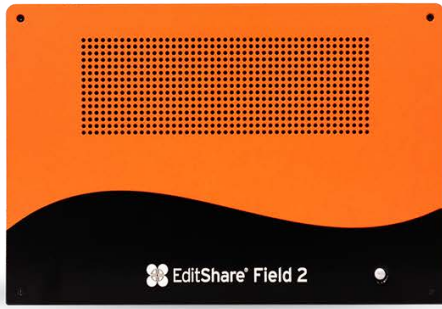
- ▶ Gigabit Ethernet (1 GigE) and 10 Gigabit Ethernet (10 GigE) support.
- ▶ Four 1 GigE ports included standard.
- ▶ Bonded connections to switch, connect to one or multiple switches, or direct connect to workstations in selected switchless configurations.
- ▶ Optional single or dual port 10GigE network interfaces: SFP+ Fibre (SR/LR/ER/Direct Attach Cable), CX4, or 10GBASE-T.

## File and operating systems

- ▶ Ubuntu 64-bit Server OS.
- ▶ XFS Real-time high performance file system (on media RAID).

## Performance

- ▶ Each 4-drive set of 3.5-inch drives can support a "baseline performance" of eight streams of ProRes 422 or DNxHD 145 or twenty four streams of 25-Mbit video such as DV25 or XDCAM-EX 25.
- ▶ An 8-drive Field with 2.5 inch SSD drives provides about a 6-fold increase over the baseline.



XStream Field 2



XStream Field 2 expansion

## XStream Field 2 Product Specifications

### SERVER MODELS

- Field 2**                      Portable server with four 3.5" drives or eight 2.5" drives
- Field 2 Expansion**      Portable expansion unit with four 3.5" drives or eight 2.5" drives

### FIELD 2 HARDWARE

- X9 motherboard, Intel Quad Core Xeon CPU, Intel chipset.
- 16GB DDR3 - 1600 1.35V ECC High Speed RAM.
- 2 x 1 GbE ports and dual port 1 GbE NIC\*.
- Four 3.5" enterprise-class 7,200 rpm SATA or SAS 6Gb/s media drives in 1TB, 2TB, and 4TB capacities; or eight 2.5" SSD in 1TB capacity.
- 6Gb/s Hardware RAID Controller.
- Mirrored 2.5" 320GB SATA 3Gb/s OS drives, rear accessible.
- RAID 5 standard, configurable to other RAID standards such as RAID 6.
- Automatic and manual background rebuilding of drives after failure.
- Rebuild and verification priority settings.

(\* Note: other network interface cards available. Consult with EditShare Sales Management for details.)

### ELECTRICAL

Dual Universal Input	100-240VAC
Input Frequency	50/60 Hz
Max Power Consumption	190W

### ENVIRONMENTAL

Temperature	0°C (32°F) ~ 50°C (122°F)
Humidity	5% ~ 95% non-condensing
Typical Thermal Output	410-650 BTU/hr

### DIMENSIONS

(Width x Height x Depth)	
Field 2	305 x 210 x 324 mm / 12.0 x 8.25 x 12.75 in
Field 2 Expansion	305 x 102 x 324 mm / 12.0 x 4.0 x 12.75 in

### MAX SHIPPING WEIGHT

Field 2	25lbs / 11.34kg
Field 2 Expansion	15lbs / 6.8kg

V1.0.3 - All specifications are subject to change at any time without notification.