



# AirSpeed 5000 Features

Feature	Benefit
<b>Record and Play</b>	
<b>Two or Four record/play channel operation</b>	Two or four channels of any combination of supported record and play formats for SD, MPEG-2 HD (XDCAM), and AVC-Intra models; high quality DNxHD playback included with HD models; seamless back-to-back play of all formats on each channel
<b>Flexible playback</b>	Automatic up, down, and HD cross-conversion of clips that don't match the preferred format eliminates transcoding steps, and output channel HD/SD format switching removes the need to dedicate channel output to one format
<b>Slow Motion playback</b>	Dynamic slow motion playback for SD and HD output channels. Delivers a high quality viewer experience quickly with minimal additional equipment
<b>Mixed HD-SD playback</b>	On MPEG-2 HD and AVC-Intra models the channel's output automatically changes to match the HD or SD clip
<b>Models and Formats</b>	
<b>MPEG-2 HD (XDCAM) Model</b>	MPEG-2 HD model with full-spec 4 channel XDCAM HD + SD implementation using Sony XDCAM codec, plus HDV25 record/play and DNxHD 85/100/120/145 play, and 185/220 2 channel play
<b>AVC-Intra Model</b>	AVC-Intra model features Panasonic codec with 4 channel AVC-Intra 50/100 and SD record/play, plus MPEG-2 HD and DNxHD 85/100/120/145 play, and 185/220 2 channel play
<b>SD Model</b>	DVCPRO25, DVCPRO50, IMX30, IMX50 format support protects the investment in the SD formats you use today
<b>Included DNxHD playback</b>	High quality HD workflow is supported with included DNxHD 85/100/120/145 4 channel play and 185/220 2 channel play on HD models; optionally add DNxHD record or record/play to the SD model
<b>Proxy record option</b>	Available simultaneous real-time H.264 proxy creation for each ingest channel works with Interplay Production LAN/WAN connectivity to extend media access and speed workflow
<b>Workflow</b>	
<b>Standalone operation</b>	Use with Avid or other editors; add ISIS® shared storage and Interplay Production asset management at any time
<b>Immediate simultaneous media availability</b>	Recorded media is available for playback or to all ISIS storage users in seconds after recording of each feed begins.
<b>Team workflow</b>	In conjunction with Avid editors and ISIS storage, advanced workflow features including Avid project and bin sharing , Edit While Capture, 10-user simultaneous access to the same media, and real time Send to Playback

## Feature

## Benefit

<b>Interplay Production workflow</b>	Material recorded through AirSpeed® is automatically checked into and tracked by Interplay Production as it is recorded to ISIS shared storage, and is available to all workgroup users
<b>3rd party editing system support</b>	Supports MXF OP1a file exchange workflow with any editing system
<b>Play While Transfer</b>	For late-breaking stories or last minutes changes, clips can play to air before transfer to AirSpeed is finished, starting 20 seconds after the first frames have been received
<b>FrameChase™ Editing (Edit While Capture)</b>	Editing can begin seconds after the first frames have been recorded
<b>Capacity and Availability</b>	
<b>4TB or 8TB usable capacity</b>	Protected capacity to store 215 hours of 50Mb HD video (8TB model)
<b>High availability</b>	RAID 50 media protection, redundant network connections, hot-swap redundant power supplies, hot-swap media drives, hot-swap mirrored boot drives, N+1 system fans
<b>Studio Playback</b>	With one Send to Playback command, send clips to up to 6 AirSpeed 5000 servers for redundancy or simultaneous transmission
<b>Integration and Support</b>	
<b>Avid-integrated</b>	Provides complete integration without software mismatches or workflow interruptions. Qualified with all Interplay Production components, ISIS shared storage, NewsCutter®, and Media Composer® editing systems
<b>Avid support included</b>	Includes one year ExpertPlus with Hardware to optimize system availability
<b>Control</b>	
<b>Industry standard control support</b>	Supports your choice of control systems using VDCP protocol, native Avid API and Sony BVW 75 protocol
<b>Interplay® Capture and iNEWS® Command integration</b>	Material can be recorded through Interplay Capture for comprehensive ingest scheduling and control; and operation with iNEWS Command provides automated, assisted, or manual play to air control of news rundowns
<b>Synchronized multi-camera recording</b>	The IsoSync feature links up to 12 channels across multiple AirSpeed servers for one-button synchronized record, pause and stop in conjunction with multi camera recording
<b>Comprehensive Remote UI</b>	Intuitive Remote Console shows status handles control, monitoring, inventory, play, record, clip management, and re-transfer for all AirSpeed units with selective user access
<b>Playlists</b>	Create and edit playlists for single or multiple playback channels
<b>Ancillary data preservation</b>	SMPTE 436-compliant ancillary data stream support preserves embedded data
<b>API</b>	Control and query AirSpeed through a documented TCP/IP socket-based protocol and XML formatting
<b>Industry-standard video inputs</b>	Support for Gbit Ethernet, SDI , digital embedded audio, external time code, and RS422
<b>Preserves timecode</b>	External recorded timecode, allows user to select the required mode for recording; supports video logging and triage systems
<b>Automated delete management</b>	Operators can set policies for automatic media deletion
<b>FTP</b>	Supports multiple FTP transfers of OP1a media files to and from AirSpeed 5000