



# Avid ISIS 2000

Workflow-connected nearline storage



ISIS® 2000 is a cost-effective nearline storage solution that expands media access and augments real-time production.



Avid ISIS solutions give you the power to store, share, and manage large quantities of media, and now you can extend those capabilities more economically than ever before. Situated between online production storage and archive, Avid ISIS 2000 is a high-density, disk-based storage solution that gives you ready access to more of your media, providing maximum workflow flexibility and improved asset utilization.

## Tailored for Avid workflows

ISIS shared storage systems are tightly integrated with Avid solutions such as Interplay® Production, Avid editors and AirSpeed® servers. Deployed in an Avid workflow, ISIS 2000 helps to lower your average storage cost and speed production by enabling single search of a vast media pool across multiple storage tiers, and provides the same powerful ISIS administration and user management capability.

## Purpose-built for large-scale media storage

Optimized for rich media, ISIS 2000 augments your online storage capabilities with high capacity storage that includes speedy browse and restore capabilities not available with data tape libraries. ISIS 2000 provides long term protection of your valuable media assets with RAID 6 protection against 2 simultaneous disk failures per RAID group. When deployed in conjunction with ISIS 5000 or ISIS 7000, ISIS 2000 greatly improves cost per terabyte (TB) with 192TB or 384TB usable capacity.

## Enhances workflow and asset reuse

Empowering you to work more effectively in fast-paced, deadline-driven production environments, ISIS 2000 enhances a wide variety of workflows, such as fast access to proxies of archived media, browsing of media assets across the LAN or WAN, and temporary storage of high-resolution assets or transient content.

## Backed by Avid

Whether adding ISIS 2000 to an existing workflow or deploying a new one, the Avid Professional Services and Support teams are deeply committed to your long term success at every step. We stand behind you as a trusted partner, offering a unique combination of experience, expertise and best practices to help you make the most of your Avid investment.

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### ISIS 2000 specifications

#### AVID ISIS FILE SYSTEM

- 64-bit self-balancing, distributed file system
- Enables quick access to nearline files from any workstation
- Distributes file system management among clients, storage devices, and System Director

#### ISIS 2000 STORAGE ENGINE

- Controller Module running an embedded OS
- 84 hard disk drive (HDD) slots populated with 82 3TB SAS drives, 2 slots reserved for future use
- SW RAID 6, 2 hot spares
- Rack mount ready; 5U rack height
- Lockable front access HDD drawers
- Dual power supplies and five fans
- Network Interfaces
  - Dual port 10G Ethernet NIC SFP+
  - Dual ports 1G Ethernet (1000BASE-T)
- Dimensions
  - Width (mounting): 19 in./483 mm
  - Height: 8.75 in./222.25 mm
  - Depth: 35 in./889 mm
  - Max Weight (shipping): 300 lbs/136.4 Kg.
- Environmental
  - Operating Temperature: 5°C to 35°C
  - Non-operating Temperature: 1°C to 55°C
  - Relative Humidity (operating): 8% to 80% non-condensing
  - Max power consumption: 2800W 220V AC

#### ISIS 2000 SYSTEM DIRECTOR

- Windows Storage Server 2008 R2 64-bit
- Rack mount ready; 1U rack height
- Lockable front bezel
- Dual power supplies and fans
- Internal ISIS System Director metadata management
  - Redundant, mirrored SATA II system drives (hot swap)
- Network Interfaces
  - Dual port 10G Ethernet NIC SFP+
  - 4 ports 1G Ethernet (1000BASE-T)
- Dimensions
  - Width (mounting): 19 in./483 mm
  - Height: 1.75 in./44.5 mm
  - Depth: 27 in./686 mm
  - Max Weight (shipping): 40 lbs/18.1 Kg.
- Environmental
  - Operating Temperature: 5°C to 35°C
  - Non-operating Temperature: -4°C to 60°C
  - Relative Humidity (operating): 5% to 95% non-condensing
  - Max power consumption: 650W 120V AC

#### ISIS MONITORING, MANAGEMENT AND ADMINISTRATION TOOLS

- Dynamic workspace set-up and monitoring
- FlexDrive™ dynamically adjustable storage workspaces
- User administration: view, create, define workgroups, delete and assign passwords
  - Active Directory (LDAP) integration for user account synchronization with IT systems
  - User workspace access controls
- Graphical system component health monitoring and status notification
- Error warning and informational logging
- Monitoring: user status, workspace status, comprehensive event log, read and write bandwidth usage
- Remote notification of system events

#### NETWORK SWITCHING

- Cisco Systems
  - Catalyst 4948E: Rack mount 1RU stackable 48-port 1GigE; 48 line-rate 10/100/1000Base-T ports; 2 10GigE uplink interfaces
  - Catalyst 4900M: Rack mount 1GigE & 10GigE; 8 10GigE ports plus 2 modules; 20 line-rate 10/100/1000Base-T ports
- Force10 Networks
  - Rack mount 1RU stackable
  - S25N: 24 10/100/1000Base-T; 4 alternate SFP optical; 2 slots for 10GigE and/or switch stacking
  - S25P: 24 SFP optical 1GigE ports; 4 alternate 10/100/1000Base-T ports; 2 slots for 10GigE and/or switch stacking
  - S60: 44 10/100/1000Base-T ports; 4 SFP optical 1GigE ports; 2 slots for 10GigE and/or switch stacking

#### PLATFORM SUPPORT

- Qualified operating systems:
  - Mac OS X
  - Microsoft Windows

#### COLLABORATION

- Files/Folders: 10 Million
- User Accounts: 5000
- User Groups: 1000
- Integrated into Avid media workflows
- Provides open storage for any file formats

#### AVID ADVANTAGE SUPPORT

- One year ExpertPlus support includes: 7x24 web support with 4-hour response, priority phone support, escalation, hardware coverage and upgrades
- Option to upgrade to Elite support

For more information visit [avid.com/isis2000](http://avid.com/isis2000)

Corporate Headquarters  
800 949 AVID (2843)

Asian Headquarters  
+ 65 6476 7666

European Headquarters  
+ 44 1753 655999

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