Iomega 35887

Iomega StorCenter IX2 Network Storage User Manual

Model: 35887

1. INTRODUCTION

The Iomega StorCenter ix2 Network Storage device provides centralized storage and backup capabilities, enhanced security, and convenient cloud access. Designed for small and remote offices, workgroups, or home networks, it leverages enterprise-class EMC storage technology for efficient file sharing, iSCSI block access, and robust data protection through multiple RAID configurations. The Iomega Personal Cloud technology simplifies data sharing and protection without recurring fees.

This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your StorCenter ix2 device.

Figure 1: The compact size of the Iomega StorCenter IX2, easily held in one hand.

2. KEY FEATURES

- **Centralized Storage & Backup:** Offers a single location for all your files, with automated backup solutions for both PC (Iomega QuikProtect) and Mac (Time Machine).

- **Advanced Data Protection:** Features RAID 1 mirroring, UPS support, folder quotas, and device-to-device data replication for business continuity and disaster recovery.

- **Iomega Personal Cloud:** Provides secure, remote access to your data from anywhere in the world without subscription fees.

- **Mobile Access:** The Iomega Link™ remote app allows streaming media, uploading/downloading contacts and photos from mobile devices (iPhone/iPad).

- **Video Surveillance Support:** Supports up to five IP security cameras (Axis, Bosch, Panasonic) for basic video surveillance, including live view, storage, and playback.

- **Unified Storage System:** Simultaneous file and block storage (NFS & iSCSI), certified for VMware and XenServer.
- **Energy Saving:** Hard drives spin down when not in use, and a variable-speed fan optimizes power consumption.
- **User Replaceable Drives:** Allows for easy maintenance and capacity upgrades.

3. PACKAGE CONTENTS

Before proceeding with the setup, ensure all components are present in the package:

- Iomega StorCenter ix2 Network Storage, 2-bay Diskless Unit
- Power Supply
- Ethernet Cable
- Quick Install Guide
- Software (Iomega Protection Suite) via download

4. SETUP GUIDE

4.1. System Requirements

- Available 10/100/1000 Mbps network Ethernet port (required)
- Web browser: Internet Explorer 7, Firefox 3.x, Safari 3 or later
- Internet connection for setup, remote access, or cloud features
- **For Personal Cloud:** Universal Plug and Play (UPnP) compatible router, or administrative rights to port forward. Recommended minimum sustained connection speeds: Download: 2.5 Mbit/s, Upload: 500 Kbit/s. (Note: Personal Cloud is not compatible with Active Directory or XP 64 bit).
- **PC Users:** Microsoft Windows XP or newer (excluding XP 64 bit for Personal Cloud)
- **Mac Users:** Mac OS X 10.5-10.7
- **Linux Users:** Redhat 9, Enterprise 4/5, Gentoo, Mandrake 10, Debian 4, FedoraCore 6/5, OpenSUSE 10.3

4.2. Initial Hardware Setup

1. **Install Hard Drives (Diskless Model):** If you have the diskless model, install compatible SATA II hard drives into the bays. Refer to the Quick Install Guide for detailed instructions on drive installation. One original hard drive must remain in the system during replacement or upgrade.
2. **Connect to Network:** Connect one end of the provided Ethernet cable to the LAN port on the back of the StorCenter ix2 and the other end to an available port on your network router or switch.
3. **Connect Power:** Connect the power supply to the StorCenter ix2 and then plug it into a power outlet. The device will power on automatically.

Figure 2: Front view of the Iomega StorCenter IX2, showing the Iomega logo and StorCenter IX2 branding.

Figure 3: Rear view of the Iomega StorCenter IX2, highlighting the power input, USB 2.0 port, and Gigabit Ethernet (LAN) port.

Figure 4: Internal view of the Iomega StorCenter IX2, illustrating the two drive bays for hard drive installation.

4.3. Software Setup and Configuration

The StorCenter ix2 features an easy setup process that does not require a CD or client software. Management is performed via a user-friendly web-based interface.

1. **Access Management Console:** Once the device is powered on and connected to the network, open a web browser on a computer connected to the same network. The device should be discoverable automatically. Follow the Quick Install Guide for the specific URL or discovery method.
2. **Initial Configuration:** The setup wizard will guide you through the initial configuration steps, including setting up RAID (if applicable), creating users, and defining shared folders. This process is designed to be completed in just a few mouse clicks.
3. **Install Iomega Protection Suite:** Download and install the Iomega Protection Suite software on your client computers for automated backup (Iomega QuikProtect for PC or Time Machine for Mac).

5. OPERATING INSTRUCTIONS

5.1. File Sharing and Access

- **Creating Users and Shares:** Use the web-based management console to create new user accounts and define shared folders. You can manage access permissions for each user to specific folders.
- **Accessing Files:** Files can be accessed from any web browser via Iomega Personal Cloud technology or by mapping network drives on your PC, Mac, or Linux clients.
- **Torrent Support:** The device includes built-in torrent support for peer-to-peer file sharing.

5.2. Iomega Personal Cloud

Iomega Personal Cloud allows you to protect, share, and access your valuable data from anywhere in the world without subscription fees. To implement Personal Cloud, your router must be UPnP compatible or you must have administrative rights to configure port forwarding.

5.3. Mobile Access with Iomega Link App

The Iomega Link App provides remote connectivity to your NAS device from anywhere via Wi-Fi or 3G network. It enables:

- **Upload & Download:** Upload contacts and photos to the NAS; download them to a new device. Backups are saved in separate folders for multiple devices.
- **Streaming:** Stream audio and video files directly from the NAS device.
- **Document Preview:** Preview documents stored on the NAS.

5.4. Video Surveillance

The StorCenter ix2 supports native video surveillance for up to 5 IP cameras (Axis, Bosch, Panasonic). It supports higher resolution cameras up to 720p HD. Features include:

- Ability to set file rules and manage video surveillance footage for retention.
- Live View web management to monitor one camera remotely via a handheld device.
- Supports Axis AVHS system and Mindtree SecureMind Software (with 1 camera license).

6. MAINTENANCE

6.1. Data Protection and Backup

- **RAID 1 (Mirrored):** The device utilizes RAID 1 for data protection, mirroring data across two drives to ensure data integrity in case of a single drive failure.
- **Device-to-Device Replication:** Replicate your data from one StorCenter to another, to an external USB drive, or to another network target for enhanced backup.
- **Configuration Backup & Replay (CBR):** Backup and restore administrative system settings for quick recovery.
- **SFTP Support:** Secure File Transfer Protocol for protected data transfers.

6.2. Drive Replacement and Expansion

The StorCenter ix2 supports user-replaceable hard disk drives. When replacing or upgrading drives, ensure one original hard drive remains in the system during the process. The device also supports USB-attached HDD expansion for additional storage.

6.3. Power Saving Features

To reduce power consumption, the hard drives will spin down when not in active use. A variable-speed fan ensures efficient cooling while minimizing power usage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Iomega StorCenter ix2. For more detailed troubleshooting, refer to the official Iomega support website.

Problem	Possible Cause / Solution
Device not discoverable on network.	Ensure the Ethernet cable is securely connected to both the device and the router/switch. Verify the device is powered on. Check your network settings to ensure the device is receiving an IP address. Temporarily disable any firewall software on your computer.
Cannot access Personal Cloud remotely.	Ensure your router is UPnP compatible or that you have manually configured port forwarding for the required ports (e.g., 80, 443). Verify your internet connection speed meets the minimum requirements (2.5 Mbit/s download, 500 Kbit/s upload). Personal Cloud is not compatible with Active Directory or Windows XP 64-bit.
Slow performance or data transfer speeds.	Ensure you are using a Gigabit Ethernet connection (1000 Mbps). Check network cable quality. Verify hard drive health through the management console.
Issues with Time Machine backups (Mac).	Time Machine may attempt to use all available space. Consider manually creating a Mac sparsebundle with a maximum size to limit backup space. Ensure proper network connectivity and permissions for the Time Machine share.
Printer connected via USB not working.	Verify printer compatibility with the StorCenter ix2. Ensure correct printer drivers are installed on the client computer.

8. SPECIFICATIONS

Feature	Detail
Network Type	Ethernet 10/100/1000 Mbps
USB Port	1x USB 2.0
RAID Level	JBOD, RAID 1 (Mirroring)
Hard Drives	1 or 2 SATA II (depending on model)
Media Server	Built-in DLNA certified media server and iTunes server
Dimensions (L x W x D)	7.94" x 3.91" x 5.85" (202mm x 99mm x 149mm)
Weight (Diskless)	2.55 lbs. (1.15 kg)
Processor	Marvell 1.3 Ghz
RAM	256MB
File System	Tuxera XFS enhancement
Operating System	EMC LifeLine™ OS

9. WARRANTY AND SUPPORT

The Iomega StorCenter ix2 Network Storage device comes with a **3-year limited warranty** (with registration). For technical support, software updates, and additional resources, please visit the official Iomega support website.

Documents - Iomega – 35887

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Product Release Information Iomega StorCenterTM ix2 Network Storage Description Short Centrally sto ... nits per pallet 6 layers, 40 units per layer Pallet size 48 x 40 x 73.7 1679 lbs 761.6 kg SKU **35887** 35547 35550 35553 UPC Code 742709**35887**6 742709355479 742709355509 742709355530 35922 35923 3...

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