Quick Guide IP Camera & Iomega NAS Connection

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1. Adding StorCenter ix2 to camera via NFS Mount Type

Main Steps:

1. Open the the web page of StorCenter ix2 by inputting its IP address in the IE page And click icon 🗳 to input the user name and password to log in.

C Log In - Windows Internet Explorer		<u>_ 6 ×</u>
	P 🖌 🗟 🔧 🖀 Log In 🛛 🗙	$h \star \phi$
File Edit View Favorites Tools Help		
iomega: an EMC company	ix2-96-storage - Iomega StorCenter ix2	n (?)
	Login	
	Username: admin Password: Change password Login	
		₱ <u>,</u> 100% •

2. After logging in, please click icon 🔯 to call out the Managing Panel and click "All Features" button as shown in the figure below. Then click "Protocols" button.

iomega an EMC company		E	ix2-96-storage -	lomega StorCent	er ix2				admin 🕞 👩 🥐
Common								Search Feat	tures
Cloud Services	1 2	ATMOS		000 0	N		ភា	12	
System .		_		Amazon S3	Application Manager	Configuration Backup and Restore	Copy Jobs	Date & Time	
							f		
Backup	Identification	Drive Management	Email Notification	Energy Saving	Event Log	External Storage	Гасероок	Factory Reset	
Media	•	<u></u>	*		6	.			
Storage	Flickr	Groups	Home Page Settings	iSCSI	Languages	Media Server	Mozy Backup	Network	
}~		i i i i i i i i i i i i i i i i i i i		Æ	3				
Network	Personal Cloud	Picture Transfer	Printers	Protocols	Security	Setup	Shares	Software Updates	
All Features	8	Ĩ	1	5	-	<u> </u>	You		
	Support	System Status	Torrent Download	UPS Management	Users	Video Surveillance	YouTube		

3. **Turn On NFS protocol:** On the pop-up menu, turn on the "NFS" protocol as shown in the figure below:

iomega: an EMC company	ix2-96-storage - Iomega StorCenter ix2		admin 🕞	î ?
Common	Frotocols Manage file sharing protocols. Overview			8
Cloud Services	Name	Off/On	Settings	
**	Sector Apple File Sharing			
System	Bluetooth		<u>1</u>	
	FTP		Ô	
Backup	NFS		ø	
Баскар	😥 rsync		ø	
18 No. 19 No.	SNMP		(i)	
Media	TFTP		<u></u>	
	WebDAV File Sharing		<u></u>	
Storage	Windows DFS		6	
∼	July Windows File Sharing			
All Features				

4. Then go to NFS Settings by clicking icon. In pop-up message box, select one of the first two options (The 2nd option by default). If the 3rd option is selected, you cannot attach the IP camera to the NAS due to insufficient permission.

iomega an EMC company	l.	ix2-96-storage - lomega StorCenter ix2		admin 0-	· A 2
Common	Protocols Manage file sharing protoco				
Cloud Services		Name	Off/On	Settings	
	Apple File Sharing				
System	Bluetooth				
	FTP				
Backup	NFS				
see h	rsync			0	
Media	SNMP				
	TFTP				
Storage	WebDAV File Sharing	NFS Settings			
Storage	Windows DFS	CAllow all client users full access			
Notwork	🦉 Windows File Sharing	 Allow full access for client users other than root (root_squash) 			
All Features		○ Treat client users as guest (all_squash) Apply Cancel			

5. Once again click "All Features" button and click "Shares" icon.

iomega:		E	ix2-96-storage -	lomega StorCent	er ix2			ad	lmin 🕶 😭 🤶
Common								Search Feature	s Q
Cloud Services	ti je	ATMOS		90 ⁰	R	<u></u>	ត្តា	12	
Sustem		_		Amazon S3	Application Manager	Configuration Backup and Restore	Copy Jobs	Date & Time	
		?		- 🗳		E	f	<u> (U</u>)	
Backup	Device Di Identification	ive Management	Email Notification	Energy Saving	Event Log	External Storage	Facebook	Factory Reset	
Media	•	<u> (</u>	* (^)		6	.			
Storage	Flickr	Groups	Home Page Settings	ISCSI	Languages	Media Server	Mozy Backup	Network	
Network				~					
	Personal Cloud	ficture transier	Plimers	PTOLOCOIS	Security	Setup	Shales	Sonware Opdates	
All Features		Ĩ				<u> </u>	You		
	Support	System Status	Torrent Download	UPS Management	Users	Video Surveillance	YouTube		

6. Add a Share: In the pop-up interface as shown below, enter the name of the file you want to create and click the "Create" button, and it does not matter whether you choose Shared Media. In the following example, a file named **nfs001** is created.

iomega: an EMC company	ix2-96-storage - lomega StorCenter ix2	admin 🕞 🕷 ?
Common	Shares View, add, modify, and delete Shares. Overview	8
	Name	Properties
System	× 🚍	1
	* Information - Overview	
Backup	Name: nfs001	
Media		
	👿 This Share: 0 B 🔄 Used: 297.71 GB 📄 Free: 1.51 TB	
Storage	☑ Media sharing	
Network	Create Cancel	
	Access Permissions	
All Features	→ NFS	
	Active Folders	

7. Add an NFS Rule: Set the NFS accessing rules, click the drop-down arrow on the file name and click the arrow on the NFS item and you can see the "Add NFS Rules" button. Click "Add NFS Rules" button and enter the IP segment of your device and then check the checkbox of "Write" column to assign writing permission of this folder to the IP addresses. In this case, my IP address is 10.18.0.x, so I entered 10.18.0.x/24. And then all the IP cameras in this segment can be mounted on this directory. Please also note that in this page you can see the location of the shared folder is /nfs/nfs001 as shown in the figure below which can be used as file path in the web page of the camera.

Note: **/24** means that the subnet mask is 255.255.255.0.

-	📄 nfs001		
-	> Information		
-	Access Permissions		
	NFS - Overview		
	Location: /nfs/nfs001 Set NFS host access to secured Share 'nfs001'. Add an NFS rule		
	Host Name	Write	Actions
	10.18.0.0/24 ×	✓	
	Apply Cancel		
\rightarrow	Active Folders		

8. Add NAS to an IP camera: Go to web client of DS-2CD2432-IW and select NFS as the mounting type and input the server address and file path, then click save.

Note: NFS mounting type does not require user name and password.

Live View	Playback	Log	Configuration		💄 admin 🛶 Logout
Local Configuration Local Configuration	Record Schedule	Storage Management	NAS Snapshot		
Basic Configuration	HDD No.	Туре	Server Address	File Path	
Advanced Configuration ^ © System	1 Mounting Typ	e NFS Vise	10.18.0.103 er Name P	Vinfs/nfs001	Test
Network	2	NAS			
 Video/Audio Image 	3	NAS			
© Security	5	NAS			
Events Storage	6	NAS			
	8	NAS			
					Save

9. Go back to Storage Management, tick the checkbox of the HDD No. and click Format. After it is formatted, the NAS can be used for recording.

	Live View Playback		I	Log Configuration		ation		<u></u> a	dmin 🛶 Logoul		
5	Local Configuration	• •	Record Schedule	Storage Ma	anagement	NAS	Snapshot				
0	Local Configurat Basic Configuration	ion n Y	HDD Device L	ist							Format
Þ	Advanced Configur	ation ^	✓ HDD No. ✓ 9	Capacity 1842.08GB	Free spa 0.00GB	ace	Status Uninitialized	Type NAS	Property R/W	Progress	
	Network Video/Audio		Quota								
	0 Image		Max.Picture C	apacity	0.00GB						
	Events Storage		Free Size for Picture Max. Record Capacity		0.00GB						
			Free Size for I Percentage of	Record Picture	0.00GB 25			%			
			Percentage of	Record	75			%			
											Save

2. Notes of using NFS mount type on StorCenter ix2

1. StorCenter ix2 does not support disk space management as shown in the figure below. Therefore, when using NFS mount type, a shared folder will use up all the space of StorCenter ix2.

iomega an EMC company	E	ix2-96-storage - lomega StorCenter ix2	admin 📴 😭 😰
Courner Courner Claud Services System Deckup Beckup Kotrage Storage	 Drive Management Manage drive information and cal Settings Protection: [●]Mirror (RAID 1) Mir Caching: Enabled with UPS Periodic consistency check: Enabled With the set of the set of the set of the set Settings Drive Size: 3.54 TB Cachary 1.8 TB Set 3.54 TB Cachary 1.8 TB Available: 1.51 TB 	xching for your lomega StorCenter ix2. Overview	

- 2. A shared folder can be only attached to one IP camera. There might be confliction that causes HDD error and video loss if a shared folder is attached to more than one IP camera, so it is suggested that creating only one shared folder in StorCenter ix2 for only one IP camera to use when choosing NFS as mounting type.
- 3. NFS mount type does not require user name/password when it is attached to an IP camera, so there is no need to create user on the StorCenter ix2 as well.
- 4. When in the NFS settings for NFS mount type, please select one of the first two options (The 2nd option by default). If the 3rd option is selected, you cannot attach the IP camera to the NAS due to insufficient permission.

iomega: an EMC company	ix2-96-storage - lomega StorCenter ix2	admin 🗗	- 6 ?
Common	Protocols Manage file sharing protocols. Overview		8
Cloud Services			
1	Apple File Sharing		
System	Bluetooth		
5	E FTP	(C)	
Backup	NFS	(C)	
S	🥑 rsync	(C)	
Media	SNMP		
(==)			
	WebDAV File Sharing NFS Settings		
storage	Windows DFS		
~~	Windows File Sharing Allow full access for client users other than root (root squash)		
All Features	○ Treat client users as guest (all_squash) Apply Cancel		

5. When using NFS mount type, the file path format filled in an IP camera is **/nfs/name of shared folder**. For example, if the name of shared folder is nfs001, the file path is /nfs/nfs001.