NFS and CIFS , both of them are network protocol. NFS runs in Linux/Unix operating system normally. CIFS runs in Windows system normally.

Dahua Camera supports NAS which is only based on NFS, so there must be on NFS server to running NFS service , otherwise cameras are impossible to send recording/images by NAS mode.

Camera	Path	Local	FTP	NAS				
Network	Record		-	-	Snapshot			
Event	Event Type	Scheduled	Motion Detect	Alarm	Event Type	Scheduled	Motion Detect	Alarm
▼ Storage	Local				Local			
> Schedule	FTP				FTP			
> Destination	NAS	\checkmark	\checkmark	✓	NAS	\checkmark	\checkmark	\checkmark
> Record Control	Default	Refresh	Save					
System	Doldan		Guio					
Information								

Users can install one NAS devices , for example our ESS, EVS5000 both have NAS function. Of course users can create their own Linux server based on any Linux system. For example Ubuntu/CentOS/Fedaro/Redhat.

Our testing Demo:

Condition:

1)One PC which is installed Ubuntu 14.04 and running NFS server already.

2)One Bullet Dahua IP camera , set NAS storage mode already and add PC server's address / storage path into.

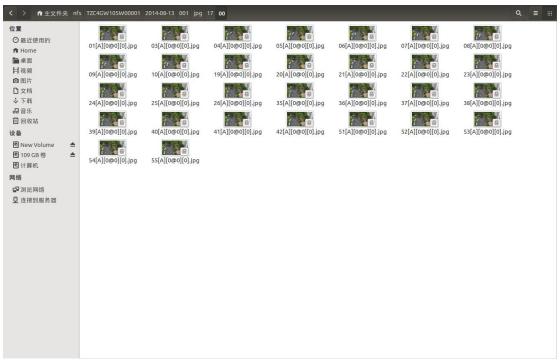
Path	Local	FTP	NAS
 Enable 			
Occurrent Andressen	102 409 40 09		
Server Address	192.168.10.68		
Remote Directory	/home/gavinmaple/nfs	s	
	5 1		
	Default	Refresh Sa	ave

PC 's address:192.168.10.68

IP camera address: 192.168.10.246

NFS Path: \home\gaivmaple\nfs

3) please don't worry about NAS server password, IPC still can record in it.



Schedule Snapshot

< > ▲主文件夹 n	fs TZC4GW105W00001	2014-08-13 001 dav	16				Q = :
位置	1 10 101		1 10 101		1 50 501		1 10 101 101
⑦ 最近使用的 ↑ Home	16.50.17-16.50.33 [A][0@0][0].dav	16.50.17-16.50.33 [A][0@0][0].idx	16.50.28-16.50.49 [A][0@0][0].dav	16.50.28-16.50.49 [A][0@0][0].idx	16.50.44-16.51.03 [A][0@0][0].dav	16.50.44-16.51.03 [A][0@0][0].idx	16.50.59-16.51.35 [A][0@0][0].dav
┣ 桌面 视频		1 10 101		1 10 101		1 10 101	
◎ 图片 □ 文档	16.50.59-16.51.35 [A][0@0][0].idx	16.51.31-16.51.52 [A][0@0][0].dav	16.51.31-16.51.52 [A][0@0][0].idx	16.51.46-16.52.07 [A][0@0][0].dav	16.51.46-16.52.07 [A][0@0][0].idx	16.52.03-16.52.24 [A][0@0][0].dav	16.52.03-16.52.24 [A][0@0][0].idx
↓ 下载 60 音乐							
🗇 回收站	16.52.18-16.52.40	16.52.18-16.52.40	16.52.35-16.53.10	16.52.35-16.53.10	16.53.06-16.53.27	16.53.06-16.53.27	16.53.27-16.53.28
设备 图 New Volume ▲	[A][0@0][0].dav	[A][0@0][0].idx	[A][0@0][0].dav	[A][0@0][0].idx	[A][0@0][0].dav	[A][0@0][0].idx	[M][0@0][0].dav
图 109 GB 卷 ▲	16.53.27-16.53.28	16.53.28-16.53.43	16.53.28-16.53.43	16.53.38-16.53.58	16.53.38-16.53.58	16.53.53-16.54.15	16.53.53-16.54.15
网络	[M][0@0][0].idx	[A][0@0][0].dav	[A][0@0][0].idx	[A][0@0][0].dav	[A][0@0][0].idx	[A][0@0][0].dav	[A][0@0][0].idx
☑ 浏览网络 ☑ 连接到服务器	16.54.10-16.54.46	16.54.10-16.54.46	16.54.41-16.55.00	16.54.41-16.55.00	16.54.57-16.55.17	16.54.57-16.55.17	16.55.12-16.55.34
	[A][0@0][0].dav	[A][0@0][A]	[A][0@0][0].dav	[A][0@0][0].idx	[A][0@0][0].dav	[A][0@0][0].idx	[A][0@0][0].dav
	16.55.12-16.55.34	16.55.28-16.55.50	16.55.28-16.55.50	16.55.44-16.56.05	16.55.44-16.56.05	16.56.01-16.56.37	16.56.01-16.56.37
	[A][0@0][0].idx	[A][0@0][0].dav	[A][0@0][A]	[A][0@0][0].dav	[A][0@0][0].idx	[A][0@0][0].dav	[A][0@0][0].idx
	16.56.37-16.56.38	16.56.37-16.56.38	16.56.38-16.56.53	16.56.38-16.56.53	16.56.48-16.57.08	16.56.48-16.57.08	16.57.03-16.57.24
	[M][0@0][0].dav	[M][0@0][0].idx	[A][0@0][0].dav	[A][0@0][A]	[A][0@0][0].dav	[A][0@0][0].idx	[A][0@0][0].dav
	16.57.03-16.57.24	16.57.20-16.57.41	16.57.20-16.57.41	16.57.36-16.58.12	16.57.36-16.58.12	16.58.07-16.58.44	16.58.07-16.58.44
	[A][0@0][0].idx	[A][0@0][0].dav	[A][0@0][0].idx	[A][0@0][0].dav	[A][0@0][0].idx	[A][0@0][0].dav	[A][0@0][0].idx
	16.58.39-16.59.00	16.58.39-16.59.00	16.58.55-16.59.15	16.58.55-16.59.15	16.59.10-16.59.32	16.59.10-16.59.32	16.59.27-16.59.47
	[4][0@0][0] day	[A][0@0][0] :4v	[م][مهم][م] طعب		المالمهمالما	[A][0@0][0] ;du	[A][0@0][0] day

Schedule Recordings