

Multimedia Recorder

DSS-R-CL1100

Manual V2.0.29.1TW

Meicheng Audio Video Co., Ltd.

www.meicheng.com.tw

TABLE OF CONTENTS

CHAPTER 1 PRODUCT OVERVIEW	2
1.0 Product Introduction	2
2.0 FEATURE AND SPECIFICATION	2
3.0 PANEL LAYOUT	4
4.0 POWER ON AND RUNNING	4
CHAPTER 2 QUICK USER GUIDE	5
1.0 MODIFY IP ADDRESS	5
2.0. PREVIEW	7
3.0. QUICK RECORDING	9
4.0 PLAY ON DEMAND/DOWNLOAD FILE	9
CHAPTER 3 INSTALLATION AND CONFIGURATION	10
1.0 System Information	10
2.0 PARAMETERS SETTING	10
3.0 RECORD	14
4.0 FILE MANAGEMENT	15
5.0 CONFIGURATION	15
6.0 System Restart	17
7.0 USER MANAGEMENT	18

CHAPTER 4 WMS - WINDOWS MEDIA SERVER (OPTIONAL)21

Chapter 1 Product Overview

1.0 Product Introduction

As new generation visual information recording and transmission equipment, characterized by compact size and portability, it integrates the input interfaces of video, audio and DVI signals, supporting random combined recording of one-way DVI or VGA signal, one-way video and one-way audio signal. The recorded file is saved in single-flow mode. It supports the synchronous recording of the video, audio and computer screen signals, thus satisfying the users' needs of recording and playing the visual information in meeting, training and teaching.

2.0 Feature and Specification

2.0.1 Feature

- Simultaneously record VGA/DVI, Video and Audio to a single "ASF" file
- Support 30 frames encoding of high-definition video signal 720p/1080i/1080p
- Maximum number of users that can simultaneously preview online is 5; Support FTP upload (optional function)
- Support 30 frames encoding of maximum 1400 X 1050 VGA signal
- Support WMV3/WMA, H264/AAC voice encoding algorithm. Frequencies of 44.1KHz/48KHz and bandwidths of 32kbps~256kbps are adopted
- Support serial port operation and control
- Support Chinese and English OSD
- Support 8 picture display modes (POP / PIP). Upload photo in JPG format to enrich the recorded material in POP mode.
- Web interface, Panel display, RS -232 Serial interface, third party control (ex. AMX and Crestron)
- Compliant with VISCA, control Video Conference CCD Camera via web interface (up/down, right/left, zoom in/out, automatic focus)
- WMS Address: Windows Media Server's media server address. Click [Turn On] and send the signal collected by the DSS-R-CL1100 Multimedia Recorder to the Media Server.

2.0.2 Specification

Item	Technical Index
Definition	720p, 1080i 1080p; 640*480, 800*600, 1024*768, 1280*1024
Frame rate	1-30 frame/second
Input Signal	Analog VGA / digital DVI-I; RCA composite analog video; analog S-Video; RCA analog audio; 1/4" TRS audio
Loop output	15-pin D model interface (Female)
Network interface	10/100/1000Mbps Ethernet interface (RJ45)
Control interface	Web interface, Panel display, RS-232 Serial interface, third party control (ex. AMX and Crestron)
Video Bit rate	128 kbps to 20,000 kbps
Access control	Support multilevel user access authority control
Software upgrade	Supported
Capacity	Built-in 500GB HDD
File Format	ASF
Storage temperature	-20~60°℃
Relative humidity	5%~95%
Working temperature	0~45℃
Dimensions (L*W*H)	350 * 270 * 60 mm
Net Weight	4.8 kg
Packing Dimensions (L*W*H)	490 * 413 * 215 mm
Gross Weight	7.6 k
Power Supply	AC 100~240V/ 50~60Hz
Power Consumption	100W
Preview online	DSS-R-CL1100: 5 ; FTP Configuration
WMS (Windows Media Server)	Optional function (DSS-R-CL1100 Multimedia Recorder will transmit the recorded file automatically to FTP server, as soon as the recording completed)

3.0 Panel Layout

3.0.1 Front Panel

As shown in the figure below, press on the front panel of Multimedia Recorder and the unit begins recording. If you want to stop it, press .



3.0.2 LED

Name	Description
POWER	it will be ON during normal power-on
RUN	it will be ON when the system is running
LAN	it will be ON when there is network connection
LCD	it will display the operating status and relevant information during operation

3.0.3 Rear Panel

As shown in the rear view of the integrated Multimedia Recorder, you only need to connect the signal cables to the corresponding ports.



4.0 Power on and Running

In normal situation, power on the equipment after connecting the power cable to the corresponding port at the rear panel, the LCD panel will display "Starting...". Wait for 1 minute, when the Multimedia Recorder starts up automatically, the LCD panel will display the current input definition, serial number, IP address, and other relevant information.

Chapter 2 Quick User Guide

1.0 Modify IP Address

1.0.1 Identify IP Address

LCD at the front panel shows IP address and subnet mask.

1.0.2 Modify IP Address

Reset computer Internet Protocol (TCP/IP).

- $[Start] \rightarrow [Control Panel] \rightarrow [Network Connections]$
- right click [Local Area Connection] \rightarrow [Properties]
- select [Internet Protocol(TCP/IP)] \rightarrow [Properties]
- select [Use the following IP address]

Entering an IP address (ex: 60.251.158.59; 60.251.158.61), and the same subnet mask and gateway as Multimedia Recorder.

Default value of the Multimedia Recorder:

- IP address: 60.251.158.58
- Subnet Mask: 255.255.255.0
- Gateway: 60.251.158.254

Open IE browser, type in the IP address **60.251.158.58** in the address field, and then press Enter. Please enter a correct user name and password in the authentication box and logon to the management interface of the Multimedia Recorder.

Meiche		
Multime	dia Recording & Strea DSS-R-CL1100(V2.0.29	ming System
User Name:		
Password:	n	
	Copyright (C) MeiCher	ng Audio Video CO.,LTD 2010

The default user name and password are both [admin].

Logout: After you logon to the system, if you click on the page, you will be logged out of the system management or client interface. And your logout will not affect the operation of the server, and the current working information of the server will be provided as soon as you logon to the system next time.

Re-logon: if you click *P* at the top of the page, you will be brought back to the system logon interface.

	F	ilelist				Advanced
	NO	Name	Size	Casting	Operation	
	Select	all: 🔲 🗙 Delete 🛛 Next Pag	ie 1	Page	& Goto Total 2 Page	
	1	20091203164353.a	1M	R	🔲 Save As 🚺 Modify	12-03 16:43:53
	2	20091203164301.a	1M	R	🖳 Save As 🚺 🚺 Modify	12-03 16:43:02
	3	20091203123153.a	1M	R	🔲 Save As 🚺 Modify	12-03 12:31:56
	4	20091203123121.a	2M	R	🔲 Save As 🚺 Modify	12-03 12:31:22
	5	e.asf	30M	R	🖳 Save As 🚺 Modify	11-28 09:48:41
	6	c.asf	29M	R	🕞 Save As () Modify	11-28 09:36:24
	7	1.asf	1M	R	🖳 Save As () Modify	11-25 15:13:21
	8 🗐	20091119101402.a	34M	R	🔲 Save As 🚺 Modify	11-19 10:14:02
Preview QuickKec Control	_					-
						1
Click Advanced on the page, an	d cli	ck 📴 Config	urate	the	e server's syst	em settin

can be viewed. The system software version's upgrade operation

Update System	
Upgrade File:	Browse
Lipload	
Attention:	
1.It takes some time to upload updated file, please do not make other opera	tions while the file is uploading.
2.After uploaded a updated file, please restart the system to complete the up	ograde operation.

After uploading LOGO (JPG format), the uploaded logo image can be seen in the POP display mode. Suggested JPG file resolution is shown as below. (Please refer to page 11 for more details)

	Upload Logo picture
	JPG picture:
Attention: 1.Upload picture mu	st be a jpg format,picture size of less than 200K.
1. D1 (large)	: logo resolution 753 x 304
2. CIF (medium)	: logo resolution 535 x 730
3. QCIF (small)	: logo resolution 266 x 946

IP Address Modification								
LAN								
IP Address:	60.251.158.58							
Subnet Mask:	255.255.255.0							
Gateway:	60.251.158.254							
() Modify								

After entering valid IP address, subnet mask and default gateway, click Modify

The new IP address will take effect after the server restarts.

2.0. Preview

2.0.1 Plug-in Installation

If you have never installed this monitoring software to your computer, the system will prompt you to install it after you logon to Multimedia Recorder interface. As shown in the following figure:



Check **[Here]** to install the software, and then the video window will be like this after the installation.



2.0.2 Interface Layout

The default interface of the Multimedia Recorder will be displayed after installation of the plug-in software. The left upper section is the video play control field. The right upper section is the file list play and download field. The bottom section is the parameter view and setting field.

	that is a set		*							20
					F	ilelist				Advanced
					NO	Name	Size	Casting	Operation	Start Time 🔺
					Select	all: 🗖 🗙 Delete Next I	Page 1	Page	🔒 Goto 🛛 Total 9 Page	
					🗖 1	20091118105442.a	232M	0	🔛 Save As 🚺 Modif	y 11-18 10:54:42
					1 2	20091118102756.a	10M	R	🔛 Save As 🚺 🗘 Modif	y 11-18 10:27:57
					П 3	20091106150237.a	7 M	R	Save As 🚺 Modif	y 11-06 15:02:38
					Π4	20091106092338.a	2M	®	🔛 Save As () Modif	y 11-06 09:23:39
					5	20091103104901.a	- 4M	R	🖳 Save As () Modif	y 11-03 10:49:02
					6	11111.asf	8M	R	🖳 Save As () Modif	y 10-29 12:18:43
					Π7	20091029121514.a	. 11M	R	🖳 Save As () Modif	y 10-29 12:15:15
	Preview OQuickRe	c :: Control			1 8	20091028093439.a	1M	R	🔛 Save As 🚺 Modif	y 10-28 09:34:39
			,		_					•
	VIDEO: BitRate: 2000K	Quality:90		Video Fra	ame Rate	:20 Video Mode:CIF	Bright	ness:128	Contrast:64 Satura	ation:64 Gray:0
	DVI: Brightness(R):4	Brightness(G):4	Brightnes	ss(B):4	Contrast(R):128	_		ast(B):128 😡	GS Correct
	Audio: InputAudio	Sampling Fre	quency:44.1KHz	Bandwid	th:64K	Encoder Mode:AA	. V U	Infold	Orrection DIn	nage Adjust
Click	V Unfold, in	the par	rameter	viev	v an	d setting f	field v	will	be shown a	as below.
		Mode:	Rate Mode:	3000 💙	Kbps 🤇) Quality Mode: 📧 🗸	-			
	Video F	Frame Rate:	30 (1 ~ 3	0)						
	Video	·				DVI				
	v	'ideo Mode:		Default		Brightness(R):	4	[DVI Default
		Brightness:	128			Brightness(G):	4	Ŀ		VGA Default
		Contrast	64			Brightness(B): Contrast(R):	4			

Brightness	128	Brightness(G):	4	VGA Default
		Brightness(B):	4	
Contrast	64	Contrast(R):	128	
Saturation:	64	Contrast(G):	128	
Gray:	0	Contrast(B):	128	
Layout		0		○ □ ○
Audio				
Input	⊙Line ○Mic	Encode:	⊙ WMV3/WMA ◯ H264/AAC	
Sampling Frequency:	44.1KHz 💙			
Bandwidth:	128 VKbps(64 ~ 256Kbps)			
Left	31	Right	31	

Instant viewing is available by clicking [Preview].

🚞 Preview 🕜 QuickRec 📲 Cantral

3.0. Quick Recording

3.0.1 LCD Panel Quick Recording

As shown in the figure below, press upper button on the front panel of Multimedia Recorder and the unit begins recording. If you want to stop it, press lower button . This function is very convenient, for it can record easily even if Multimedia Recorder is not connected to the network.



3.0.2 WEB Recording Mode

							2
	F	ilelist				Advanced	
		NO	Name	Size	Casting	Operation	Start Time 🔺
		Select	all: 🗖 🗙 Delete 🛛 Next Pag	ie 1	Page	& Goto Total 9 Page	
(a	🗖 1	20091118105442.a	232M	R	🖫 Save As 🚺 Mod	ify 11-18 10:54:42
Moichong	y	1 2	20091118102756.a	10M	R	🖫 Save As 🚺 🛟 Mod	ify 11-18 10:27:57
		П 3	20091106150237.a	7 M	R	🖳 Save As 🚺 🛟 Mod	ify 11-06 15:02:38
		□ 4	20091106092338.a	2M	®	🔚 Save As 🚺 🚺 Mod	ify 11-06 09:23:39
		□ 5	20091103104901.a	4M	®	🔚 Save As () Moo	ify 11-03 10:49:02
		6	11111.asf	8M	0	🖳 Save As 🚺 🚺 Mod	ify 10-2912:18:43
•		7	20091029121514.a	11M	8	🔛 Save As () Moo	ify 10-29 12:15:15
		8 🗆	20091028093439.a	1 M	8	🔛 Save As 🚺 🚺 Mod	ify 10-28 09:34:39
(FIEVIEV) (QUICKASC		_					•
WDE0-PRPote/2009/	Video Er	amo Bote	20 Mideo Modo:CIE	Briak	nooo:139	Contract 64 Potu	rotion:64 Group
DVI:Brightness(R):4 Brightness(G):4	Brightnes	ss(B):4	Contrast(R):128	Contr	ast(G):128	Contrast(B):128	GS Correct
Audio: InputAudio Sampling Frequency:44.1KHz	Bandwid	th:64K	Encoder Mode:AAC		Infold	Correction	Image Adjust

Click QuickRec, then the current state of recorded documents will display at the right section of the page. Click Stop / Pause when recording, you can stop or pause recording. After the recording is stopped, the file will be immediately generated and be played on demand online. *NOTE:* The system will automatically cut file when it reach to about **3GB** (when video bit rate is 3000kbps, the file will be about **150 minutes**.) The higher the bit rate, the better the quality video.

4.0 Play on Demand/Download File

To online play on demand the files stored in the server, click 😨. The system will automatically call the player to play the file. If you need to download the file stored in the server, click the [Save as] button, and then select the local disk path and the file name in the "File saved as..." dialog box.

Chapter 3 Installation and Configuration

1.0 System Information

Click the [Advanced] button on the home page, and then the server's system information can be viewed on the prompted new page.

• System Info			
	Server S	ystem informa	ation
	Equipment SN:	DSS- HD101913	
	Equipment Type:	DSS-R- CL1100	
	System Version: (5.0.7.0)	6.0.51.0	l °
	Web Version:	2.0.29.1TW	
	Free Space:	97.94%	
	Kernal Version:	5 20180080	
	Encoder Version:	1.1.41.0	

2.0 Parameters Setting

Video		DVI		
Video Mode:	CIF 🗸 Default	Brightness(R):	4	DVI Default
Brightness:	128	Brightness(G):	4	VGA Default
Contrast	64	Brightness(B):	4	
		Contrast(R):	128	
Saturation:	64	Contrast(G):	128	
Gray:	0	Contrast(B):	128	

2.0.1 Parameters Setting (Adjust parameters and click [Save])

Video

- Video Mode: D1/CIF/QCIF
- Brightness: adjust the brightness of video
- Contrast: adjust the contrast of the video
- Saturation: adjust the saturation of the video
- Gray: adjust the gray of the video
- Default: recover the configured parameters back to the default setting

DVI

- Brightness (R): adjust the red brightness of the input signal
- Brightness (G): adjust the green brightness of the input signal
- Brightness (B): adjust the blue brightness of the input signal
- Contrast (R): adjust the red contrast of the input signal
- Contrast (G): adjust the green contrast of the input signal
- Contrast (B): adjust the blue contrast of the input signal
- DVI Default: recover the configured parameters back to the default DVI setting (this option is recommended if the input is DVI video signal)
- VGA Default: recover the configured parameters back to the default VGA setting (this option is recommended if the input is analog VGA signal)

Video Mode: D1 (large) / CIF (medium) / QCIF (small)

Ps. the following suggested logo resolution is based on VGA resolution 1024 x 768





2. CIF (medium)

Suggested logo resolution 535 x 730



3. QCIF (small) Suggested logo resolution

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2.0.2 Video Bit Rate Setting

Display the current video mode setting information, as shown in the following figure, the higher the bit rate, the better the quality video.

Mode:	🔿 Rate Mode: 4000 🔽 Kbps 🤇	🖻 Quality Mode: 💷 💌
Video Frame Rate:	30 (1 ~ 30)	

- Rate Mode: 128 ~ 20000kbps
- Quality Mode: 10 ~ 90
- Video Frame Rate: 1 ~ 30

2.0.3 Audio Parameters Setting

Display the current audio parameter setting information, as shown in the following figure:

Audio			
Input	⊙Line ○Mic	Encode:	⊙ WMV3/WMA ◯ H264/AAC
Sampling Frequency:	44.1KHz 💙		
Bandwidth:	128 VKbps(64 ~ 256Kbps)		
Left:	31	Right:	31

- Input mode settings: Line / Mic
- Encoding Mode: WMV3/WMA, H264/AAC
- Sampling Frequency: 44.1KHZ/48KHZ optional
- Bandwidth: to adjust the audio, 64 ~ 256Kbps optional
- Left: adjust the volume of the left channel
- Right: adjust the volume of the right channel

2.0.4 Layout Setting

Display the current image layout setting information, as shown in the following figure: Users can select the appropriate layout based on demand.



2.0.5 Image Adjust

As shown in the figure below, press	GS Correct	to correct green screen of VGA
🗇 Image Adjust		

source. Click for adjusting color of VGA source.

	VIDEO	: BitRate:512K	Quality:90	Video Frame Rate:10	Video Mode:CIF	Brightness:128	Contrast:64	Saturation:64 Grav:0
	DV	:Brightness(R):4	Brightness(G):4	Brightness(B):4	Contrast(R):128	Contrast(G):12	Contrast(B):128	GS Correct
	Audio	: Input:Audio	Sampling Frequency:44.1KHz	Bandwidth:32K	Encoder Mode:AAC	Unfold	Q Correction	[]Image Adjust
Ľ			·	·				
(ر (Adjust Speed	◯ Low					

2.0.6 Control

As shown in the figure below, press to control video source viewing

position or direction including up/down, right/left, zoom in and zoom out.

	Preview	QuickRe	Control	
	VIDE0: BitRa	ate:2000K	Quality:90	Video F
F	VIDEO: BitRa DVI: Brigh	ate:2000K ntness(R):4	Quality:90 Brightness(G):4	Video F Brightne
	VIDEO: BitRa DVI: Brigh Audio: Input	ate:2000K htness(R):4 t:Audio	Quality:90 Brightness(G):4 Sampling Frequency:44.1KHz	Video F Brightne Bandwi

3.0 Record

3.0.1 LCD Panel Quick Recording



As shown in the figure, press on the front panel of Multimedia Recorder, the unit begins recording. If you want to stop it, press . This function is very

convenient, for it can record easily even if Multimedia Recorder is not connected to the network.

3.0.2 WEB Recording Mode

Click QuickRec, then the current state of recorded documents will display at the right of the page.



For all the file lists, file names and file sizes stored in the Multimedia Recorder, to modify the file name or the description information of the file, just click the [Modify] button and then modify the related information in the prompted modification dialog box (including the modified file names and file details, etc.), as shown in the following figure:

Filelist	/ Advance
Name:	20091203164353 (Except for the characters including #; \/; * ? " ' <> ()
Size:	1M
Time:	2009-12-03 16:43:53
Info:	(0~50 bytes)
	Save

4.0 File Management

4.0.1 File List

All the file lists are displayed in the upper right of the main interface. In this dialog box, you can view the file information and perform such operations as renaming files, playing on demand files, downloading files, and deleting files, as shown in the following figure:

	Filelist				Advanc	ed
NO	Name	Size	Casting	Operation	Start Time	•
Select	t all: 🗖 🗙 Delete Next Pag	ge 1	Page	🎗 Goto 🛛 Total 9 Page		
Π1	20091118105442.a	232M	®	🖳 Save As 🚺 Modify	11-18 10:54:42	
Π 2	20091118102756.a	10M	R	🖫 Save As 🚺 Modify	11-18 10:27:57	

To delete the file stored in the server, please select the file in the list, click **X** Delete and then click [OK] in the prompted confirmation dialog box. *NOTE:* can't recover after delete.

	Fileli	st					Advanc	ed
NO		Name		Size	Casting	Operation	Start Time	•
Select	ielect all: 🗖 🗙 Delete lext Page 🕺 Page 🌲 Goto Total 9 Page							
🗖 1	200	91118105442	2.a	232M	R	🖳 Save As 🚺 Modify	11-18 10:54:42	
D 2	200	91118102756	6.a	10M	R	🖫 Save As () Modify	11-18 10:27:57	

5.0 Configuration

5.0.1 Language

Set the system display language.

	Language
Language:	📀 English 🔘 Traditional Chinese
	🖳 Save

5.0.2 Authority

Maximum number of users that can simultaneously preview and download online is 5.

	Authority				
Authority	Download 🗹 Casting				
	🖳 Save				
Attention: Recorded files will be automatically authorized to user,If you choose the option.					

5.0.3 Multicast Management

Turn On / Turn Off the multicast function. Multicast Content can't be viewed via INTERNET. It's available over Intranet because it's point to point service.

Multicast Address: 234.3.4.5 Multicast Port Number: 11000

Multicast Switch							
Multicast Address	Multicast Port Number	Multicast Content	Operation				
234.4.5.6	11000	🗹 鄻 V1 🗹 <table-cell> Audio</table-cell>	Turn on				

5.0.4 PTZ Protocol Upgrade

Unless it's necessary, please do not update PTZ Protocol.

PTZ Protocol Upgrade						
	Upgrade File:	Browse)				
		全 Upload				
Attention:	Attention:					
1.INI files for the agreement document.						
2.After uploaded a up	dated file, please restart the s	stem to complete the upgrade operation	1.			

5.0.5 FTP configuration

Type in FTP server's IP address, port, username and password, and choose [allow to upload]. After you active this function, the system will transmit the recorded file automatically to FTP server, as soon as the recording completed.

FTP configuration				
Server upload address:	60.251.158.111			
Server port:	21			
Username:	mei			
Password:	••••			
Allow to upload:				
Attention: FTP server need to support client passive mode to upload the file.				

6.0 System Restart

Stop file recording first before restarting server, or system will stop file recording automatically.



7.0 User Management

7.0.1 Modify password

(User list				🜘 Add New User 💷
	User Name	Туре	Operation		
	admin	Super Administrator	() Modify		

Change password: Designated user's system login password can be easily changed by clicking [Modify] button.

O Add/Modify	
User Name:	admin
Password:	•••••
Password Confirm:	•••••
	🔛 Save

7.0.2 Add new user

💿 User list			🚯 Add New User 💷
User Name	Туре	Operation	
admin	Super Administrator	() Modify	
1111	User	() Modify X Delete 2 Detail	
L	1		

Click [Add new user], enter the user's name and password, and then click [Save]

7.0.3 User authorities

The administrator may authorize the common user to play on demand or download files at any time. Click [**Detail**] button to view all the files stored in the server, and select and set the related play on demand / download authorities in the list.

O Fil	e List					- 11		
NO.	File Name	Size	Record Time	Description	Casting 🗌	Download 🗌		
⊡∽ту	pe:Unclassified							
1	20101116074058.asf	842M	2010-11-16 07:40:59		V	V		
2	20101115184341-05.asf	2257M	2010-11-16 05:59:28		V	V		
3	20101115184341-04.asf	3020M	2010-11-16 03:45:02		V	V		
4	20101115184341-03.asf	3020M	2010-11-16 01:30:36		V	✓		
	🖳 Save							

7.0.4 Delete user

In the user list dialog box, click the corresponding user and select [Delete] button, and then click [OK] in the prompted confirmation dialog box. *Note:* The default super administrator "admin" user cannot be deleted.

🕥 User list			🛞 Add New User 🗏
User Name	Туре	Operation	
admin	Super Administrator	() Modify	
1111	User	() Modif X Delete 2 Detail	

7.0.5 Other user

After login, general user can preview and download the recorded files which are authorized by Super Administrator.

		Filelist				Advanced
	NO	Name	Size	Casting	Operation	Start Time 🔺
	Select	: all: 🗖 🗙 Delete Next Pag	ge 1	Page	🌡 Goto 🛛 Total 9 Page	
	🗖 1	20091118105442.a	232M	R	🔛 Save As () Modify	11-18 10:54:42
	 2	20091118102756.a	10M	®	🖳 Save As () Modify	11-18 10:27:57
	П 3	20091106150237.a	7 M	R	🔛 Save As () Modify	11-06 15:02:38
	1 4	20091106092338.a	2M	®	🖳 Save As 🌔 Modify	11-06 09:23:39
	5	20091103104901.a	4M	R	🔛 Save As 🚺 🚺 Modify	11-03 10:49:02
	6	11111.asf	8M	®	🖳 Save As 🌔 Modify	10-29 12:18:43
	7	20091029121514.a	11M	R	🖳 Save As 🚺 🚺 Modify	10-29 12:15:15
Prettiew	 8	20091028093439.a	1 M	R	Save As 🚺 Modify	10-28 09:34:39
Preview Quickkec as Control						•

7.0.6 Guest user (This function will be temperately disable.)

Both user name and password are [guest].



Click [Multicast] to preview data. Multicast Content can't be viewed via INTERNET. It's available over Intranet because it's point to point service. *NOTE:* Broadcast function will require more bandwidth and transmit data among members in local area network.



NOTE: Guest can only view multicast after administrator turn on the function.

Multicast Switch							
	Multicast Address	Multicast Port Number	Multicast Content	Operation			
	234.4.5.6	11000	🗹 鄻 V1 🗹 <table-cell> Audio</table-cell>	Turn on			

Chapter 4 WMS - Windows Media Server (Optional Function)

Thank you for purchasing DSS-R-CL1100 Multimedia Recorder. Please read this document in detail so that you can understand and implement the required function of the system.

WMS Address: Windows Media Server's media server address. The text of User Name and Password keep nil. Click [Turn On] and send the signal collected by the DSS-R-CL1100 Multimedia Recorder Server to the Media Server.

[Modify Media-Server IP Address]

1. Media-Sever

(1) Reset computer Internet Protocol (TCP/IP).

- $[Start] \rightarrow [Control Panel] \rightarrow [Network Connections]$
- right click [Local Area Connection] \rightarrow [Properties]
- select $[Internet Protocol(TCP/IP)] \rightarrow [Properties]$
- select [Use the following IP address]
 - ✓ IP address: 60.251.158.111
 - ✓ Subnet Mask: 255.255.255.0
 - ✓ Gateway: 60.251.158.254

🕂 Local Area Connection Properties 🛛 🔹 💽	
General Authentication Advanced	
Connect using: Intel(R) PRO/1000 MT Network Con This connection uses the following items: Client for Microsoft Networks Client for Microsoft Networks Q Client for Microsoft Networks Q Client for Microsoft Networks Q Internet Protocol (TCP/IP) Install Uninstall Properties	Internet Protocol (TCP/IP) Properties Image: Comparison of the settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. Obtain an IP address automatically Obtain an IP address: IP address: 60 . 251 . 158 . 111 Subnet mask: 255 . 255 . 0
Description Transmission Control Protocol/Internet Protoco. The default wide area network protocol that provides communication across diverse interconnected networks. ✓ Show icon in notification area when connected ✓ Notify me when this connection has limited or no connectivity	Default gateway: 60 . 251 . 158 . 254 Obtain DNS server address automatically Image: Construct of the server in
OK Cancel	Advanced OK Cancel

(2) Enter IIS to modify FTP IP Address

Administrator			9	Event Viewer	
				್ಟ್	Group Policy Management
		😡 My Computer		~	Health Monitor
	jemene	<u> </u>		1	Internet Information Services (IIS) Manager
Command Pro	nnnt	💁 Control Panel			Licensing
		Administrative Tools		<u> -</u>	Microsoft .NET Framework 1.1 Configuration
Windows Evol	orer			<u> -</u>	Microsoft .NET Framework 1.1 Wizards
		Data in		ē	Microsoft SharePoint Administrator
	Server M	anagement		ø	Network Load Balancing Manager
IMF	🥸 Windows	Catalog		1	Performance
	Service Windows	Update		B	Remote Desktops
System Manage	🛅 Accessor	ies	►	Ð	Routing and Remote Access
emp.	🛅 Microsoft	Exchange	►	-	Server Management
Notepad	🛅 Startup		►	æ.	Services
States and the form	a Internet	Explorer		ē	SharePoint Central Administration
Services (IIS) M	🗐 Outlook B	Express		Þ	Terminal Server Licensing
a i i	🔔 Remote 4	Assistance		λà.	Terminal Services Configuration
	🛅 Microsoft	AntiSpyware	►	習	Terminal Services Manager
	💼 Administr	ative Tools	►	9	WINS
	🛅 Mozilla Fi	refox	►	Π	
	😚 Microsoft	Baseline Security Analyzer 2.0			
All Programs 🔸 🧰 Extras		►			
Log Off 🚺 Shut Down					
🍠 Start 🛛 😰 🥭 🍕)				

Right click [FTP] \rightarrow [Rec] \rightarrow [Properties]

Services Information Services	
Action _View] ← → 🔁 [
Tree	
Internet Information Services MEDIA-SERVEF FTP Stes FTP Stes Rec Admir Admir Admir Froperat Start Stop Pause New All Tasks Delete Refresh Properties Help	Pefault FTP Site Properties FTP Site Security Accounts Messages Home Directory Directory Security FTP site identification Description: Rec IP address: 1069.170.68 ICP port: 1069.170.68 FTP site connections Unlimited Connections limited to: 100,000 Connection timeout (in seconds): 120 Image: Current Sessions
	OK Cancel Apply Help

2. DSS-R-CL1100 Multimedia Recorder

- (1) Modify [WMS Address]
- (2) Modify [FTP Configuration] server upload address

		WMS Manager			
WMS Address		User Name	Password	Operation	
http://60.251.158.111:6066/meic	cheng			Turn on	
		La	anguage		
Language: 💿	Engli	sh 🔿 Tradition:	al Chinese		
Save					
Multicast Switch					
Multicast Address	M	ulticast Port Multicast Co		Content	Operation
234.3.4.5	1	11000 🗹 🕬 V1 🗹 ⊄ Al		Audio	Turn off
	~				
		FTP c	onfiguration		
Server upload add	ress:	60.251.158.11	1		
Server	port:	21			
Usern	ame:	mei			
Passy	word:	•••••			
Allow to upload: 🔽					
Attention:					
FTP server need to support client passive mode to upload the file.					

Note: before clicking the [Turn On] button, please make sure if the Windows Media Service server is configured well and if the site release parameters are correct.

Brief Introduction to WMS Parameter Settings

(1) Add release site on the Windows Media Server: [Start Menu] -> [All Programs] -> [Administrative Tools] -> [Windows Media Services]

Command Prompt Windows Explorer Notepad Local Security Policy Paint Windows Cata Windows Upd Accessories	ControlImage: Event ViewerAdminisImage: ConsingAdminisImage: Yundows Media ServicesPrintersAnage: Your ServerPrintersAmage: Your ServerImage: PrintersMicrosoft .NET Framework 1.1 ConfigurationImage: PerformancePerformanceImage: PerformanceRemote DesktopsImage: PervicesServicesImage: Per
All Programs All Programs All 2: Control of the second sec	orer ess tance Log Off O Shut Down Server Post-Se

(2) Right-click on [Publishing Points] on the left menu -> [Add a Publishing Point (Advanced)]



(3) Set publishing point parameter

Add Publishing Point		×
Add publishing point Publishing point type:		
meicheng		
Location of content: PUSH:*	Brow <u>s</u> e	
Content type examples		
Type Dynamic source Playlist	Description Specifies a dynamic source such as Active : Streams a playlist file	
Encoder (push)	Receives a stream from an encoder	
Example: Push:	*	1
	OK Cancel <u>H</u> elp	

[Publishing point type]: Broadcast

[Publishing point name]: meicheng (it should be the same with we set in

DSS-R-CL1100 Multimedia Recorder), here is meicheng

[Location of content]: must be **PUSH:***

[Content type examples]: choose Encoder (push) in.

Click OK.

(4) Set WMS port and user authority

Click Properties, Control protocol, set the parameters of WMS HTTP Server Control Protocol, set the port here **6066** (it should be the same with we set in DSS-R-CL1100 Multimedia Recorder)

Monitor Advertisir g Properties	Getting Started	
Select a category to view or modify plug-ins	or properties in the category.	
Show all plug-in categories		
Category:	Plug-in:	
Name	IVame	Status
Authorization		S Enabled
	in WMS RTSP Server Control Protocol	🥑 Enabled
Event notification	I WMS HTTP Server Control Protocol Properti	ies 🗙
Control protocol	General	
		1
	Allow all IP addresses to use this protoco	
	C Allow selected IP addresses to use this p	arotocol
	E. Sola	
	_	
	1	
- 📝 🍞 🗙 🗐 🗸	Port selection	
	O Use default port (80)	
	• Use other port (1-65535):	
	6066	
	OK Cancel	Apply Help

Note: after changing any parameters of DSS-R-CL1100 Multimedia Recorder signal source, the receiving client is required to reconnect the connection with the media server. For the client receiving, it is recommended to use versions above Windows Media Player 10. Signal collection does not support 1080i!

(5) Windows Media Server's media server address:

http://servers IP address:6066/meicheng

WMS Manager				
User Name	Password	Operation		
		Turn on		
	WMS Ma User Name	WMS Manager User Name Password		

(6) Use MediaPlayer to view content.

Windows Media Player			00.0	1 - • ×
Now Playing	Library	Rip	Burn	Sync »
Open URL Enter the URL or path your computer, or your Open: http://60.251.158.1	n to a media file on the 1 ur network that you wa 111:6066/meicheng	? × Internet, int to play.		
ОК	Cancel	Browse	Now Playing • MVI_0483	• ×
a x o		- 144		5

Note: after changing any parameters of DSS-R-CL1100 Multimedia Recorder Server signal source, the receiving client is required to reconnect the connection with the media server. For the client receiving, it is recommended to use versions above Windows Media Player 10. Signal collection does not support 1080i!

The following items are contained in shipping carton:

- 1. DSS-R-CL1100 x1
- 2. Power Cable x1
- 3. RS-232 Cable x1
- 4. DVI Cable (male/male) x1
- 5. DVI (female) to VGA (male) adapter x1
- 6. LAN Cable x1
- 7. RCA Audio Cable x1
- 8. RCA/3.5mm Audio Cable x1
- 9. User Manual x1
- 10. User Manual CD Document x1

If the enclosed item(s) were damaged, please contact Meicheng immediately: TEL : +8862-8228-0311 E-mail : mei.cheng@msa.hinet.net

