

- 1. In order to connect a Ganz Digimaster FX Series DVR to CORTROL, create a new device for each of the analog channels. If you have an 8 channel FX Series DVR, you will need to create 8 device entries.
- 2. Place the FX Series DVR on to the same network as the IP Cameras are on.
- **3.** Configured the FX Series DVR network information.
 - a. Enter all IP information (Should match IP range of CORTROL Server)
 - b. Confirm Web Port: Default is 8080
 - c. Confirm RTSP port: Default is 5554

IP SETUP						
	DHCP		RENEW			
DDNS						
	IP ADDRESS	192.168.0.10				
EMAIL	GATEWAY	192.168.0.1				
	SUBNET MASK	255.255.255.0				
NETWORKSTATUS	1ST DNS SERVER	167.206.7.4				
	2ND DNS SERVER	167.206.7.138				
SECURITY						
	AUTO PORT UPDATE	ON :				
	AUTO PORT STATUS	The router does	not support UPNP.	CONFIRM CONFLICT		
	RTSP SERVICE PORT	5554	AUTO PORT FORWARDING	DELETE PORT		
	WEB SERVICE PORT	8080	AUTO PORT FORWARDING	DELETE PORT		
	MAX TX SPEED	MAX				
	MAA TA SPEED	IVIAA .				
				CANCEL	APPLY	CLOSE

4. Configure the recording parameters of the FX Series DVR, such as the FPS, and Quality.

UTION MODE		00 01 02 03 04 05	06 07 08 09 10 11	12 13 14 15 16 17	18 19 20 21 22 23
TINUOUS RECORDING	B				
ON RECORDING		RESOLUTION	FPS	QUALITY	AUDIO
UN RELUXUNUS	CAM1	960x480	7	HIGHEST	OFF
I RECORDING	Z CAM2	960x480	7	HIGHEST	OFF
	3 CAM3	960x480	7	HIGHEST	OFF
RECORDING	CAM4	960x480	7	HIGHEST	OFF
	S CAMS	960x480	7	HIGHEST	OFF
ORKSTREAMING	6 CAM6	960x480	7	HIGHEST	OFF
	7 CAM7	960x480	7	HIGHEST	OFF
MAPPING	CAM8	960x480	7	HIGHEST	OFF
	CAM9	960x480	7	HIGHEST	OFF
	CAM10	960x480	7	HIGHEST	OFF
	E CAM11	960x480	7	HIGHEST	OFF
	12 CAM12	960x480	7	HIGHEST	OFF
	E CAM13	960x480	7	HIGHEST	OFF
	CAM14	960x480	7	HIGHEST	OFF
	CAM15	960x480	7	HIGHEST	OFF
	CAM16	960x480	7	HIGHEST	OFF



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5. CORTROL

- a. Sign into CORTROl Management Console
- b. Select "Devices" found on the left side panel.
- c. Select "New device" from the row of buttons across the top.
 - i. Select Details:
 - 1. Enter title: FX DVR Chx (*Were x is the channel number being added*)
 - a. Note: the title should reflect the channel, example: FX DVR CH1.
 - 2. Model: Select "(General) RTSP Compatible" for the model.

■ Device DR-8FX Ch1*	×
Device	Details
🏈 Details	Title
👫 Membership	DR-8FX Ch1
📫 Permissions	Device name
😂 Network	Model
🔀 Channels	■ (Generic) RTSP Compatible Change Model
	OK Cancel

- ii. Select Network:
 - 1. Host: Enter FX Series DVR IP address
 - 2. Port: HTTP / Web port of FX Series DVR
 - 3. Username: "Default is ADMIN"
 - 4. New password: "Default is 1234"
 - 5. Click on "Ok"

Note: If the default user name and or password do not match, update accordingly.

Device DR-8FX Ch1*	_ 🗆 ×
Device	Network
🏈 Details	Host
👫 Membership	192.168.137.90
🕂 Permissions	Host name or IP address
🔮 Network	Port 8080
🔀 Channels	Port number
	Username ADMIN Username to access the device
	New password Password to access the device Open device in browser Ping device
	OK Cancel



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- d. Repeat the above "New device" entry for each of the analog channels of the DVR.
- e. Next, lets add the RTSP string as required.
- f. From the Management Console options, select Channels from the left panel.
 - i. Select the first channels labeled FX DVR Chx (*Where x indicates the video channel*)
 - ii. Select "Edit" from the row of buttons across the top.
 - iii. Select "Channel configuration" from the left panel options.

Channel DR-8FX Ch1	×
Channel	Channel configuration
🌶 Details	Channel properties
🗚 Motion detector	Manage channel properties
Permissions	Open channel properties
Channel configuration	Open device in browser
=	
	Apply OK Cancel

- iv. Select open channel properties.
- v. Select the RTSP tab
 - 1. Uncheck "User default port"
 - a. Enter 5554, unless DVR is programmed otherwise
 - Enter the following string into High for Main stream;
 a. /live/main0
 - 3. Enter the following string into Low for secondary stream;
 - a. Leave blank, since the FX Series DVR does not offer a secondary stream.
 - 4. Select ok, to return to Channel Configuration window
 - 5. Click cancel to close window.

External PTZ Con	trol D	ewarp	Video Analytics
Video Input	A	udio	RTSP
RTSP Transport S	ettings		
🗌 Use default p	ort 🕕		
Port:	5554		
RTP over TCF		ng is recom	nended)
RTP over Mul	ticast Description Pro		nended)
RTP over Mul	Description Pro nedia.amp):		
RTP over Mul	Description Pro nedia.amp):		
RTP over Mul	Description Pro nedia.amp):		



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- g. Repeat above steps for each RTSP channel that was added.
 - i. When entering the string for each addition RTSP channel, be sure to change the "main0" part to reflect the next channel number.
 - 1. Example for Ch2: /live/main1

Ch1 Propert	ies			×		
	PTZ Control	Dewarp	Video Analytics			
Video	nput	Audio	RTSP			
-RTSP Tra	ansport Settings			-		
Use	default port 🏾 🄇	0				
	Port: 5554					
		ult setting is recon	nmended)			
	over Multicast					
	Session Descrip npeg4/1/media.a	tion Protocol File amp):				
High:	/live/main1					
Low:						
	Should be used only for Generic RTSP camera access. (See RFC 2326 for more information)					
		OK Ca	ncel Apply			

