JVC KY-PZ100U RTSP Streaming Using Tricaster Mini

Requirements:

KY-PZ100 firmware: v0102 or later

TriCaster Mini built: 2-6-170623 or later (Help > About Tricaster)

Note: This setup guide was based on TriCaster Mini Standard Edition HD-4. Instructions may slightly differ for Mini Advanced Edition, TC1 or TC410

Setup Procedure on TriCaster:

1. Click on New. Create a new Session Name, and select resolution for the project. Click on Start Session. Click on Start Live Production.



2. Configure Network for TriCaster. It can be found from Shutdown > Administrator Mode > Configure Network. For details, refer to Instruction Manual for Tricaster.



- 3. Two JVC IP cameras streaming RTSP can be configured using NET1 and NET2 inputs.
- 4. Click on NET1. Click on Add JVC ProHD Camera. Network Video Configuration opens. For KY-PZ100, the default Username/Password is jvc/0000.
- 5. Enter the name for PTZ camera and assigned IP address in the network. Camera IP address must be within the range of TriCaster IP address based on the Subnet Mask.



- 6. Configure NET2 for the 2nd JVC IP Camera.
- 7. Prepare KY-PZ100 streaming properties.

Setup Procedure on KY-PZ100:

- 1. Connect network cable to LAN connector or Wireless Adapter to USB Host.
- Click on Menu > Network > Connection Setup. Select LAN Wizard or USB Wizard depending on the network connection. Continue with IP Address Configuration, either DHCP or Manual (Static). When setup is finished, Completed message appears.





3. Select the correct Default Gateway depending on network connection.

Connection Setur)
LAN Wizard	
USB Wizard	
Load	
Store	
Delete	LAN
Default Gateway	USB
MENUCancel	●Set

4. Click on Menu > Live Streaming Set. Scroll down to Interface. Select the correct Interface depending on network connection.

Live Stre	aming Set	
Live Streaming	Off	
Auto Restart	Off	
Interface	LAN	
Server	Server1	
Streaming Ser	ver	
Resolution	1920×1080	
MENU Back		

5. Scroll down to Streaming Server. Configure Server1 for TCMini (TriCaster Mini). Select Type as RTSP/RTP. Leave Password as 0000.

Live Strea	Live Streaming Set		Streaming Server Set		Streaming Server Set		ng Server Set
Live Streaming	Off	Alias	Server1	Alias	TCMini	Alias	MPEG2-TS/UDP
Auto Restart	Off	Туре	RTSP/RTP	Туре	RTSP/RTP	Туре	MPEG2-TS/RTP
Interface	LAN	Password	0000	Password	0000	Password	RTSP/RTP
Server	Server1	Back		Back		Back	ZIXI
Streaming Serve	er						RTMP
Resolution	1920×1080						RTMPS
MEND Back		MENU Back		MENU Back		MEM Cancel	●Set

5. Go back to Live Streaming Set. Set the desired streaming Resolution, Frame Rate, and Bit Rate.

Live Stre	aming Set	Live Stre	eaming Set		Live Stre	aming Set	t
Interface	LAN	Interface	L	AN	Interface		LAN
Server	TCMini 🛛	Server	TCM	1ini 📊	Server	Т	CMini
Streaming Ser	ver	Streaming Ser	ver		Streaming Ser	ver	
Resolution	1920×1080	Resolution	1920× 6	i0p	Resolution	1920	8.0M
Frame Rate	1280×720	Frame Rate	6	iOi	Frame Rate		5.0M
Bit Rate	640×3600M	Bit Rate	3	60p	Bit Rate		3.0M
MENU Cancel	●Set	Cancel	C	Set	MENDCancel		●Set

- 6. Verify correct settings for Interface, Server, and Default Gateway for successful streaming.
- 7. When settings are correct, set Live Streaming to ON. Access Status Screen > Live Streaming. It should indicate Waiting Request.

Live Streaming Set		 Live St 	reaming 🕨 🕨	
Live Streaming	On	Live Streaming		
Auto Restart	Off	Waiting Request		
Interface	LAN	Туре	RTSP/RTP	
Server	TCMini	Port	554	
Streaming Ser	ver	Stream ID	stream	
Resolution	1920×1080	Username	jvc	
NENUBack		Password	0000	

8. From Tricaster Mini Dashboard, click NET1 to RECEIVE. Stream should appear as NET1 input. Live Streaming should change from Waiting Request to In Progress.



	Live Streami	ng 🕨		
Live	Streaming			
		n Progress		
Туре	2	RTSP/RTP		
Port		554		
Stre	am ID	stream		
User	name	jvc		
Pass	word	0000		