

KY-PZ200/400 Setup Guide:

(four zeros)

Default settings for KY-PZ200/400 PTZ cameras: IP = **192.168.0.10** User = **jvc** PW = **0000** Video = **HDMI**

These settings can be restored anytime by pressing "RESTORE" for 15 sec (until hearing "click")

The IP address can be changed by either logging in to **192.168.0.10** (PC should be on the same network) or using the **JVC IP Address tool**. FW update (recommended) *requires* using the JVC IP address tool.

Required components:



Pro.jvc.com/prof → PTZ Cameras → KY-PZ400 → Sales & Support

3 Download JVC IP Address Setup tool – "upgrade_v2.9.3.zip"

Unzip "upgrade_v2.9.3.zip" to the desktop, open the folder and double-click on "upgrade_standard.exe".

Override Windows security if needed ("Run Anyway")

1 Select correct PC LAN interface

IP Address	NetMask	GateWay	MAC Address	Up Version	Device Mo	First DNS	DHCP	Device ID
192.168.0.10	255.255.255.0	192.168.0.1	D4:E0:8E:04:23:C6	1.2.15	F33.J2	8.8.8.8	false	5d5508cd2afb4fe...

3 Highlight one camera **2** Click "Search" to find all connected PTZs

4 Set camera's IP address

5 Save IP settings

Set the camera's IP address to match your LAN subnet, netmask and gateway. Press "Set" to apply new settings, the camera will reboot.

Typing camera's new IP address in the Chrome browser will bring the initial login page:

User Name = **jvc** PW = **0000** Introduce new PW when prompted.

(four zeros)

Firmware Update:

JVC adds new features and improves cameras' performance via firmware (FW) updates.

Updates are posted on *pro.jvc.com* website and are available to all users free of charge.

It is strongly recommended to use the latest FW releases with JVC products for optimal performance and all features support.

For KY-PZ200/400 FW navigate to: *pro.jvc.com/prof* → PTZ cameras → Model# → Sales & Support

The same JVC IP address tool is required for the FW update. Double-click on “*upgrade_standard.exe*” and override Windows security if needed (“Run Anyway”).

Select the “**Upgrade**” tab, confirm the camera's IP address, and select the *PZ400_Fxxxx.img* FW file saved locally. Wait until “Upgrade Success” message is displayed.

The image shows a Windows file explorer window on the left and the JVC upgrade tool interface on the right. The file explorer shows a folder named 'upgrade_v2.9.3' containing various files, with 'upgrade_standard.exe' highlighted by a red arrow. The upgrade tool interface has several numbered callouts: 1 points to the 'Upgrade' tab, 2 points to the IP address field (192.168.1.144), 3 points to the 'Load File' field (F:/FW/PZ400_F33.J2_V1.2.15.img), 4 points to the 'Upgrade' button, and 5 points to the 'Information' dialog box showing 'Upgrade Success'.

UPGRADE v2.9.3

Search Upgrade

Type MTD 192.168.1.144 Query

Load File F:/FW/PZ400_F33.J2_V1.2.15.img 29% Open Upgrade

Status connected transmitting...

VERSION INFO
SOC: v1.2.15
ARM: v6.0.98SJVC
AF: v0.3.31
MODEL: F33.J2
UPGRADE: v1.2.9

MTD INFO

Dev	Size	Erasesize	Name
179 0	7634944	mmcblk0	
179 1	4	mmcblk0p1	
179 2	1024	mmcblk0p2	
179 3	896	mmcblk0p3	
179 4	1024	mmcblk0p4	
179 5	16384	mmcblk0p5	
179 6	32768	mmcblk0p6	
179 7	262144	mmcblk0p7	
179 8	262144	mmcblk0p8	
179 9	10240	mmcblk0p9	

Information Upgrade Success OK

Language English



Recommended Settings:



Rotary switch = 8



NDI HX 1080 59.94P H.264 codec

The screenshot shows the JVC camera's menu system. On the left, the 'Video' menu item is highlighted. The 'Video Settings' screen is displayed, with the 'First stream' section highlighted. The settings for the first stream are:

- Encode Codec: H264
- Resolution: 1920x1080
- Bit Rate: 12000
- Frame Rate: 60 fps
- I Key Frame Interval: 60
- Bit Rate Control: CBR

The 'Second stream' settings are also visible but not highlighted:

- Encode Codec: H264
- Resolution: 640x360
- Bit Rate: 1000
- Frame Rate: 30 fps
- I Key Frame Interval: 30
- Bit Rate Control: CBR

The camera must be rebooted to apply new settings: System → Reboot → OK

NDI HX 4K (UHD) 29.97P H.264 codec

Rotary switch = A



The screenshot shows the JVC camera's menu system. On the left, the 'Video' menu item is highlighted. The 'Video Settings' screen is displayed, with the 'First stream' section highlighted. The settings for the first stream are:

- Encode Codec: H264
- Resolution: 3840x2160
- Bit Rate: 16384
- Frame Rate: 30 fps
- I Key Frame Interval: 30
- Bit Rate Control: CBR

The 'Second stream' settings are also visible but not highlighted:

- Encode Codec: H264
- Resolution: 640x360
- Bit Rate: 1000
- Frame Rate: 30 fps
- I Key Frame Interval: 30
- Bit Rate Control: CBR

The camera must be rebooted to apply new settings: System → Reboot → OK



Recommended Settings:



The KY-PZ200/400 can send high-quality video feeds from remote locations utilizing integrated SRT encoders. SRT protocol features robust error correction to compensate for packet loss, congestion, and high jitter when sending video over public networks.

Rotary switch = 8

HEVC 1080 59.94P (Select *H.264* if video switcher does not support HEVC)



JVC

- Live
- Video**
- Image
- Audio
- System
- Network
- NDI Config
- Information

Zoom In Zoom Out

Focus In Focus Out

Pan Speed 10

Tilt Speed 10

HDMI/SDI Output HDMI

Video Format Dial Priority

Encode Level mainprofile

First stream

Encode Codec H265

Resolution 1920x1080

Bit Rate 4000 (32-61440) kbps

Frame Rate 60 fps

I Key Frame Interval 60

Bit Rate Control CBR

Second stream

Encode Codec H264

Resolution 640x360

Bit Rate 512

Frame Rate 30 fps

I Key Frame Interval 30

Bit Rate Control CBR

JVC

- Live
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- Information

SRT Settings

SRT on off

SRT Mode Caller

SRT Server 67.189.215.178

SRT Port 9000

SRT Encryption None

SRT Password 1234567890

SRT Bandwidth Overhead 50

SRT Latency 500

SRT FEC Off

SRT StreamId PZ400-8E0423C6

Studio public IP address

Port # forwarded to local IP

SRT latency can be reduced or increased based on the quality of the Internet connection.

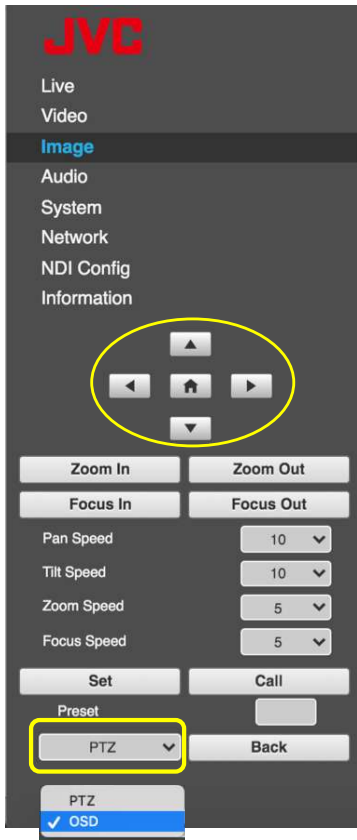
Port # forwarded to local IP

The camera must be rebooted to apply new settings: System → Reboot → OK

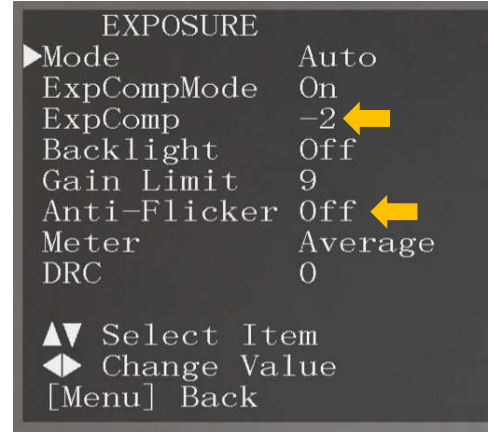
Image Settings:

Image settings are available via Web GUI or using the Remote Control.

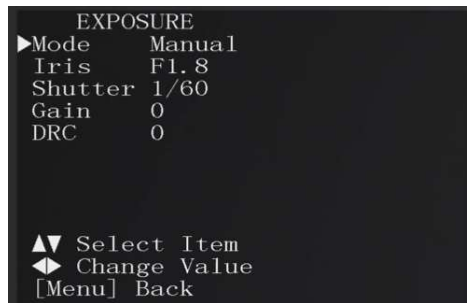
Pressing “PTZ” and selecting “OSD” brings on-screen display into preview window of Web GUI.



Recommended “Auto” settings



Manual Exposure settings:



Exposure

- Auto (with exposure compensation)
- Manual
- Shutter Priority SAE
- Aperture Priority AAE

Color

- Auto (with RG/BG compensation)
- Indoor
- Outdoor
- One Push
- Manual

Please, refer to the User Manual for more details about camera settings.