

Rocosoft PTZJoy™ Studio Controller Software

Rocosoft **PTZJoy Studio** Controller software allows users to manage robotic PTZ cameras directly from a PC, Tablet, TriCaster, vMix, or any other Live Production System.

Control cameras locally with a USB Joystick, Virtual On-Screen Joystick, Keyboard hotkeys, or using a Web Browser for far-end camera control from any mobile device or computer over a LAN, Wi-Fi, or WAN IP Network.

Key Features:

- Precise control of Pan/Tilt/Zoom/Focus/Iris functions with any USB Joystick
- Supports all Professional and Gaming USB Joysticks
- Allows selection between 4 connected USB Joysticks with 4 Button Mapping Profiles per Joystick and easily customize Joysticks with up to 30 buttons
- Allows simultaneous control of any 4 cameras with individual Joysticks.
- Simultaneous Pan, Tilt, and Zoom Joystick Control with Variable Speed
- Smooth Camera Control with on-screen Virtual Joystick
- Convenient Camera Control with Directional Buttons
- Control 28 Serial and 8 IP cameras from one computer with universal software
- Save and recall 255 Internal and 32 External camera presets with Variable Speed
- 32 Visual Preset Tiles for Internal and External Camera Presets
- Customize Preset Tiles with your own graphics or images
- Sniping tool to crop images off the screen to use them as background for Tiles
- Far-end camera control from any computer or smartphone using a Web Browser
- Camera Control from external programs using Macros and HTTP requests
- PTZJoy Controller can be ordered as IP only, VISCA only, or Universal IP/VISCA. Cameras of a different brand and protocol can be managed from the same interface
- Easy OSD menu access, Speed Monitor, and Exposure Settings
- PTZPad Visual Control Panel
- Convenient keyboard shortcuts
- X-Joystick, Soft Joystick & 3 Slow Joystick Modes
- Camera movement recorder and player
- Automation with Task Scheduler
- Automation with Timeline Task Manager
- Multi-Camera Direct Control Panel
- Convenient plug and play COM port setup
- Start with Windows
- Minimize to the Taskbar



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1. Main Panel

2. Control Tools Panel

Software

OS Windows Vista, 7, 8, 10

Licensing 1 computer per license. License never expires.

Digital Download

Software and License—links sent via email

Quick Start Guide/User Manual—links sent via email

Supported Cameras

IP Cameras: **Sony:** All SRG, BRC, Ipela, **NewTek:** NDIHX PTZ1, **Panasonic:** All, **PTZOptics:** All, **Datavideo:** All, **Lumens:** All, **iSmart:** All.

Serial Port Cameras:

Sony: All Sony BRC/EVI/SRG Series PTZ Cameras

Vaddio: RoboShot, ClearVIEW HD-18-19-20-HD-USB, PowerView HD-22-30, and WallVIEW HD-18-19

NewTek: NDIHX-PTZ1

HuddleCam HD: 3X, 10X, 12x, 18x, 20x, 30x

PTZOptics: 12x-IP, 12x-USB, 20x-IP, 20x-USB

Lumens: VC-A20P, VC-A202P, VC-G30, VC-G50, VC-200

Datavideo: PTC-120, PTC-100

Canon: XU-80, XU-81, BU-46h, BU-47h, BU-51h

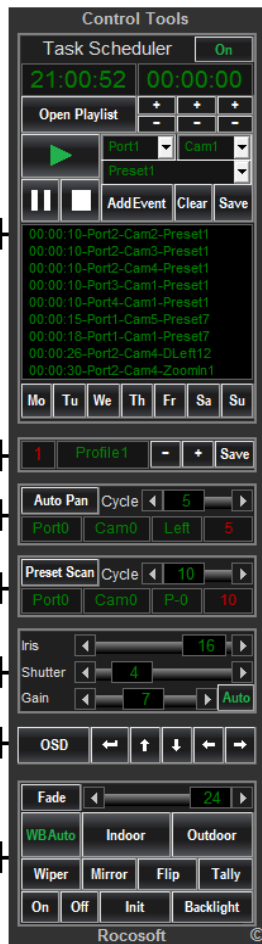
All Cameras that use **Sony VISCA Protocol** over RS-232, RS-422, RS-485, USB

Pelco: All Pelco security, dome, and video-conferencing ptz cameras that use Pelco protocol

Rocosoft PTZJoy™ Studio Controller Software. Narrow Mode

Main Panel

Control Tools Panel



1. **Virtual Joystick**
Click and drag to move camera in corresponding direction
2. **Focus Lever**
Focus Near/Far. Double click for Auto
3. **Zoom Lever**
Zoom In/Out
4. **Virtual Joystick Button**
Select for camera control using Virtual Joystick
5. **USB Joystick Button**
Select for camera control using connected USB Joystick
6. **Keyboard Shortcuts Button**
Select for camera control using keyboard shortcuts
7. **PTZBall Button**
Select for camera control using trackball, mouse, trackpad as a joystick
8. **Directional Buttons**
Select for camera control using Directional Buttons
9. **Preset Management Section**
One click Preset Recall buttons
Set Presets, Change Preset Names, Call Presets,
Configure Visual Tiles, Switch between Internal and External Presets
10. **Camera Management Section**
Name cameras, Switch Cameras
11. **Minimize Button**
Minimize program to the task bar
12. **Configuration Button**
Open Configuration Panel
13. **Control Tools Button**
Opens control tools and video settings panel
15. **Speed Display**
Shows the current pan, tilt, zoom, focus speed
16. **Visual Preset Tiles Button**
Activate Visual Preset Tiles.
17. **Snipping Tool Button**
Crops images from the screen and saves them as .jpg files
18. **X-Joystick Button**
Limits camera movement to the x-axis only
19. **SlowMode Button**
Limited top speed with Virtual and USB joysticks
20. **SoftMode Button**
Soft speed acceleration with Virtual and USB joysticks
22. **Port Display Window**
Displays information about active Ports
24. **Multi-Camera Direct Control Panel**
Open Multi-Camera Direct Control Panel
26. **Event Scheduler**
Creates playlists for pre-determined control of PTZ camera(s) at specific times
27. **Web Control**
Control Cameras from any device with a Web Browser
28. **Auto Pan**
Set camera to pan back and forth at a specified time interval
29. **Preset Scan**
Scan presets at a specified time interval
30. **Exposure Settings**
Auto. Iris, Shutter, Gain
31. **OSD Menu access**
On-screen Display Menu Access
32. **Utilities**
Camera ON/OFF, Tally Light, Backlight, Mirror Image, Wiper, Camera Initiate, White Balance
33. **Timeline Task Manager**
Creates playlists for pre-determined control of PTZ camera(s) on a timeline
34. **Multi-Camera Direct Control Panel**
Multi-Camera Direct Control Panel
35. **Camera Tracer**
Memorizes the trajectory of camera movements that can be saved, recalled, and looped.
42. **Profile Manager**
Save up to 90 profiles of External Presets, Button Images, Positions, Preset and Camera Names, etc.

