VISCA Camera Controller User Guide

Version 2.50

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What is VISCA Camera Controller

VISCA is a control protocol designed by Sony for use in professional PTZ (pan, tilt, zoom) camera systems. The protocol is based on RS232 serial communication at 9600 baud (bit/sec). Up to seven cameras can be connected to a single host computer.

The VISCA camera controller is software which runs on the Microsoft Windows operating system allowing you to independently control up to seven VISCA compliant cameras. With the software, you build Presets and Programs giving you flexibility to control each individual camera at a specific time with the camera settings you specify. You can control the camera via many different software options: buttons via the user interface, keyboard, or a joystick.

The VISCA camera controller is software built for professional videophiles who need to record live events with well-defined consistent camera settings using an easy-to-control macro playback environment.

The VISCA Camera controller software is comprised of two separate applications: the VISCA Camera Controller and the VISCA Player. The VISCA Camera Controller allows VISCA port configuration, camera configuration, building programs, and building presets. The VISCA Player allows playback of presets and programs created with the VISCA Camera Controller as well as controlling the camera (pan, tilt, zoom) manually during live events.

Quick-Start Links

See <u>Appendix B</u> for a typical run-through of the VISCA Camera Controller software for first-time users. This is a great place to start if you are evaluating the trial version of the software.



For the latest up-to-date information on the VISCA Camera Controller software check our online support portal and user forums.

- <u>Support blog</u>
- Online forums

About VISCA Camera Controller Settings Client

The VISCA Camera Controller Settings Client is the primary software application which allows you to configure the software and build custom Presets and Programs. Use this program to initially configure the VISCA bus and cameras for your system. Once your system is configured, use this program to build and edit custom Presets and Programs to easily control the VISCA compatible cameras any time you choose. This software application is typically used before live events to configure the camera shots that will be required during the live event.

Supported Platforms

The VISCA Camera Controller Settings Client supports virtually every Microsoft Desktop operating system currently on the market.

Operating System Requirements

- Windows XP
- Windows Vista
- Windows 7
- Windows 8
- Windows 10

Software Requirements

• Microsoft .NET 4.0 Client Profile

About VISCA Playback Client

The VISCA Playback Client allows you to playback any single Preset or entire Program built with the VISCA Camera Controller Settings Client. Use this program during a live event to programmatically set cameras to the locations and settings you require.

Supported Platforms

The VISCA Playback Client supports virtually every Microsoft Desktop operating system currently on the market.

Operating System Requirements

- Windows XP
- Windows Vista
- Windows 7
- Windows 8
- Windows 10

Software Requirements

• Microsoft .NET 4.0 Client Profile

Installation

Installation of the VISCA Camera Controller software is a simple wizard-based process.

- Download the installation file from the <u>website</u> or e-store
- Locate the file named VIscaCameraControllerForWindows.exe and double-click it to begin the installation process on your PC



😼 Visca Camera Controller	- • •
Welcome to the Visca Camera Controller Setup Wizard	S
The installer will guide you through the steps required to install Visca Camera Cont computer.	roller on your
WARNING: This computer program is protected by copyright law and international Unauthorized duplication or distribution of this program, or any portion of it, may res or criminal penalties, and will be prosecuted to the maximum extent possible under	l treaties. sult in severe civil the law.
Cancel < <u>B</u> ack	<u>N</u> ext >

Press the Next button to continue ...

😸 Visca Camera Controller	- • •
Select Installation Folder	S
The installer will install Visca Camera Controller to the following folder.	
To install in this folder, click "Next". To install to a different folder, enter it be	elow or click "Browse".
<u>F</u> older:	
C:\Program Files (x86)\electrongoo\Visca Camera Controller\	Browse
	Disk Cost
Install Visca Camera Controller for yourself, or for anyone who uses this c	omputer:
─ Everyone	
Iust me	
Cancel < <u>B</u> ack	<u>N</u> ext >

Select a folder to install the VISCA Camera Controller software (it is recommended to use the default folder) and click the Next button to continue ...



At this point, the installer has gathered all required information. Press the Next button to install the VISCA Camera Controller software ...



Installation of VISCA Camera Controller is now complete. Press the Close button to close the install wizard and automatically launch the VISCA Camera Controller Settings Client ...

Settings	You have 30 trial days	remaining		
COM port: 0	Set po	Register t and ord	he software below. Use your email address er number from your purchase confirmation.	
Cameras		Email Order ID		
	Came		Purchase software now	
Help <u>View product manual</u>	(PDF	I	Trial Mode Register	

During first launch, you will be prompted for your email address and Order ID.

If you already purchased the software then enter your email address and Order ID and press the Register button. Use the email address you used when purchasing the software. The Order ID is supplied to you in your online receipt via email.

If you are trialing the software then press the Trial Mode button and you will have 30 days to evaluate all of the features of the software. You will be prompted to register each time you launch the software. After 30 days have expired then you must purchase and register the software to continue using it.

Configuring the VISCA Port

Make sure the Configure tab, located in the upper left corner, is selected and press the Set Port button to display the Configure COM Port dialog.

Configure COM port
Select the serial COM port to communicate with the VISCA cameras
3 •
Verify Exit

Select the COM port that your VISCA bus is using and press the Verify button. A prompt showing how many VISCA cameras have been detected will be displayed. See <u>appendix-A</u> for details on how to locate the VISCA COM port.



Press the OK button to dismiss the prompt and close the Configure COM Port dialog. The software is now installed and configured and you are ready to start building Presets and Programs.

A walk-through of the Camera Controller Settings Client

Now that the VISCA Camera Controller software is installed and configured, let's review the features of the Camera Controller Settings Client. This Client is where new Presets and Programs are created.

If the Camera Controller Settings Client is not currently running then click on the Windows Start button, locate the Visca Camera Controller folder and click Visca Builder and Settings.



You should now see the Camera Controller Settings Client

🛞 Visca Camera Controller	11
Configure Presets Programs	
Settings	
COM port: 3 Set port	
Camera 0 Camera 1 Camera 2 Camera 3 Camera 4 Camera 5 Camera 6	
Help <u>View product manual (PDF reader required)</u> <u>Enable diagnostic logging</u>	
Copy diagnostic logs	

The Client consists of three primary tabs which are located in the upper-left corner:

- **Configure** used to configure the COM port used by the VISCA bus, configure camera names, and view diagnostic and support information
- **Presets** used to create individual presets which will specify the location, speed, focus, zoom, and aperture of a camera
- **Programs** used to create programs which are groups of presets which can be used to easily flow from one preset to the next during a live show

The Configure Tab

The Configure tab is used to configure the COM port used by the VISCA bus, configure camera names, and view diagnostic and support information. It is typically used during first-time initialization but is always available.

🛞 Visca Camera Controller	12
Configure Presets Programs	<u> </u>
COM port: 3 Set port	
Camera 0 Camera 1 Camera 2 Camera 3 Camera 4 Camera 5 Camera 6	
<u>View product manual (PDF reader required)</u> <u>Enable diagnostic logging</u>	
Copy diagnostic logs	

The Configure tab consists of three primary groups:

- Settings used to configure the COM port used by the VISCA bus
- Cameras configure camera names and identify cameras
- Help access to help documentation and diagnostic logs

Settings

The Settings group allows you to configure the COM port used by the VISCA bus. This value is typically set once during installation but if the COM port changes on your system then you can update the port using the Set Port button. For details, see the section titled <u>Configuring the VISCA Port</u>.

Visca Camera Controller Configure Presets Programs	13
Settings	
COM port: 3 Set port	
Camera 0 Camera 1 Camera 2 Camera 3 Camera 4 Camera 5 Camera 6 Help <u>View product manual (PDF reader required)</u>	
Enable diagnostic logging Copy diagnostic logs	

Cameras

The Cameras group allows you to view and configure cameras currently on the VISCA bus.

🏶 Visca Camera Controller	- • •
Configure Presets Programs	
Settings	
COM port: 3 Set port	
Camera 0 Camera 1 Camera 2 Camera 3 Camera 4 Camera 5 Camera 6	
Help View product manual (PDF reader required)	
Enable diagnostic logging	
Copy diagnostic logs	

Icons for each of the seven possible cameras are displayed. The name of each camera is displayed below its icon. If an icon is highlighted then the camera is present on the system; if an icon is greyed-out then the camera is not currently on the system. The screen-shot above shows four cameras on the VISCA bus. The first camera found will always be represented by the icon located on the left-side. The last camera found will always be represented by the right-most highlighted icon.



Right-clicking on the icon for a camera will display that camera's configuration menu

The camera's configuration menu will allow you to do the following:

- **Rename** rename the camera to any friendly name you want to more easily identify the camera for your particular setup
- Identify move the camera to identify it
- Reset reset the camera back to its home position
- Firmware view the firmware attributes of the camera
- Image flip display the image from the camera as its mirror image



Tip! Name the cameras before creating Presets. A Preset references the name of the camera. If you rename a camera then you will need to update your existing presets to link to the new camera name.

Help

The Help section provides access to this document as well as enabling/disabling diagnostic information when directed by a support technician.



The Presets Tab

The Presets tab gives you access to create individual presets which specify the location, speed, focus, zoom, and aperture of a camera at a point in time.

🏶 Visca Camera Controller - v2.50				
Configure Presets Programs				
Presets	Camera Postion Post	Focus	Aperture Backlight Aperture White balance R-gain B-gain AE control Mode IIS	Smooth motion
Create Delete Save	Pan speed 24 Tilt speed 23 Pan 000 Tilt 000	Digital zoom	Gain v Shutter v Bright v	

Create a New Preset

To create a new Preset click the Create button

15

Create new preset	
Name of new preset	
	Cancel Create

Enter the name of the Preset and click the Create button. You can use any name you wish. You should make the name something you can easily identify (e.g. "Stage right – tight zoom").

The new Preset will be added to the Presets list located in the left-side of the Presets tab

resets	Camera	Focus	Aperture	Smooth motion
itage right - tight zoom			Backlight	
			Aperture 15 🚊	Pan
	Position	- · · ·	White balance	
		Far Near		
		Zoom	Basia 15 🛆	Tilt Zoom
			R-gain 15 🗸	1 1
		· · · · · ·	AE control	
		Vide 00000 Tale	Mode	
		7 A Speed 7 A	lris 👻	
	Des second 24		Gain 👻	
		Digital zoom	Shutter	
	Tilt speed 24	Digital zoom	Shutter 👻	
Create Delete Sa	ve Pan 000 Tilt 000	Digital magnification	Bright -	

To define the attributes of the Preset, click on the Preset in the Presets list which will allow you to select any of the Preset features. You can see the Preset options are now enabled

Visca Camera Controller - v2.50					17
Configure Presets Programs					1/
Presets Stage right - tight zoom	Camera	Focus	Aperture Backlight	Smooth motion	
	Position	4	Aperture 0	Pan	
	K	Far Near	White balance Automatic	,	
		Zoom Separate mode	R-gain 0 📩	Tilt Zoom	
		Manual	AE control		
		Vide 0 Tele	Mode Default	+ +	
	Pan speed 5	0 😴 Speed 0 荣 Digital zoom	Gain -3 dB -		
	Tilt speed 5	1x •	Shutter 1 fps -		
Create Delete Save	Pan 0 Tilt 0	Digital magnification	Binght U dB -		

First, select the Camera drop-down box and select the name of the camera for this new Preset. For this example, we select the camera named "stage right – tight zoom" which we named on the Configure tab

🛞 Visca Camera Controller - v2.50				
Configure Presets Programs				
Presets Stage right - tight zoom	Camera stage right Position	Focus Auto focus	Aperture Backlight Aperture White balance	Pan
		Far Near Zoom Separate mode	Automatic R-gain 0 / √ B-gain 0 / √	Tilt Zoom
		Manual ✓ ✓ ✓ Wide 0 ✓ Speed 0	AE control Mode Default Iris Close	
Create Delete Save	Pan speed 5 💭 Tilt speed 5 💭 Pan 0 Tilt 0	Digital zoom 1x Digital magnification	Gain <u>-3 dB v</u> Shutter <u>1 fps v</u> Bright 0 dB v	

Notice, after selecting a camera, all of the buttons to set the position and speed of the camera become enabled. You can now set all of the features of this Preset including position, speed, focus, zoom, aperture, white balance, and AE control.



The camera assigned to this Preset will update in real-time as you change settings. Use this feature to view how the final Preset will affect the camera. Once you have the Preset defined to your requirements then press the Save button.

You can create as many Presets as you wish.

To delete a Preset, select the Preset name from the preset list and press the Delete key



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Select the Yes button to permanently delete the Preset or select the No button to return to the Presets tab. Note you cannot delete a Preset if it is currently part of a Program. You must first remove the Preset from all Programs before deleting it.



The Programs Tab

The Programs tab gives you the ability to assemble a series of Presets which can then be played back during a live performance.

🛞 Visca Camera Controller			- • •
Configure Presets Programs			
Programs	Program actions	Available presets	
Create Delete Save			

To create a new Program click the Create button

Create new program		
Name of new program		
	Cancel	

Enter the name of the Program and click the Create button. You can use any name you wish. You should make the name something you can easily identify (e.g. "Friday 6pm presentation").

The new Program will be added to the Programs list located in the left-side of the Programs tab

🏶 Visca Camera Controller - v2.50			
Configure Presets Programs			
Programs Firday 6pm presentation	Program actions	Available presets Stage right - tight zoom Center State - zoom in - podium #1 Center State - zoom in - podium #2 Center State - zoom in - podium #3 State right - zoom out	
Create Delete Save			

To build a new Program, select the name of the Program in the Programs list on the left-side. The Available Presets list box located on the right-side will become enabled and allow you to select Presets and add them to the selected Program. For example, to select our "Stage right – zoom out" preset as the first action in our Program, select "State right – zoom out" from the Available Presets list box on the right-side and press the green left-facing arrow. This will add the Preset as the first action of the selected Program.

B Visca Camera Controller - v2.50			21
Programs Finday 6pm presentation Create Delete Save	Program actions Stage right -tight zoom	Available presets Stage right - tight zoom Center State - zoom in - podium #1 Center State - zoom in - podium #2 Center State - zoom in - podium #3 State right - zoom out	

Repeat this action for each Preset you want added to the Program. You can add as many Presets to a Program as you need. You can even add the same Preset multiple times to a Program as necessary to make the Program play sequentially. For example, here is a completed "Friday 6pm presentation" Program consisting of seven program actions (i.e. Presets)

8 Visca Camera Controller - v2.50			- • •
Configure Presets Programs			
Programs Firday 6pm presentation	Program actions Stage right - tight zoom Center State - zoom in - podium #1 Center State - zoom in - podium #2 State right - zoom out Center State - zoom in - podium #1	Available presets Stage right - tight zoom Center State - zoom in - podium #1 Center State - zoom in - podium #2 Center State - zoom in - podium #3 State right - zoom out	
Create Delete Save			

A program action can be removed from the Program Actions list by selecting a program action and pressing the green right-facing button.

A program action can be moved up or down the Program Actions list by selecting the program action and pressing either the green up-facing button or the green down-facing button respectively.

A Program can be deleted by selecting the Program from the Programs list and pressing the Delete button



Select the Yes button to permanently delete the Program or select the No button to return to the Programs tab.

A walk-through of the VISCA Playback Client

Now that the VISCA Camera Controller software is installed and configured and you have created some Presets and Programs using the Camera Controller Settings Client, let's review the features of the VISCA Playback Client. This Client is used for playing existing Presets and Programs during a live event.

If the VISCA Playback Client is not currently running then click on Windows Start button, locate the Visca Camera Controller folder and click Visca Player.



You should now see the VISCA Playback Client

🖉 Visca Player	23
Program player Preset player Manual player	
▼	

The VISCA Player Client consists of three primary tabs which are located in the upper-left corner:

- **Program player** used to play a Program from start to finish
- Preset player used to play individually selected Presets
- Manual player used to control a camera manually at any time

The Program Player Tab

The Program player allows you to play an entire Program from start to finish. Each program action (e.g. Preset) will be played after you press the green down-facing button.

For example, select the "Friday 6pm presentation" from the Program list

🖉 Visca Player	24
Program player Preset player Manual player	
Selected camera: stage right	
Firday 6pm presentation	
Stage right - tight zoom Center State - zoom in - podium #1 Center State - zoom out Center State - zoom in - podium #1	
Select a program from the list. Double-click a preset to move the camera to that preset	

All of the program actions for the selected Program will be displayed in the lower list box. The first program action will be selected and played automatically.

Click on the green down-facing button to move to the next program action in the list.

Single-click on a program action to move the cursor to a new program action; doing so will **NOT** play that program action. The setting will not be applied to the camera but the 'selected camera' box in the upper-left will change so you can use the joystick or the numeric keypad to manually pan/tilt/zoom the camera during a live event.



Tip! You can use the joystick buttons #3 and #4 to toggle the selected camera up and down. This will allow you to manually pan, tilt, and zoom a camera using the joystick or the numeric keypad during a live event.

Double-click on a program action to move the cursor to a new program action and simultaneously play that new program action.



Tip! You can move the preset action pointer at any time during a live event. If you repeat a series of camera moves then this can simplify the Program by avoiding adding a series of repeating program actions.

The Preset Player Tab

The Preset player allows you to play any individual Preset at any point in time. This feature is useful if you do not want to create a new Program but you already have all the Presets required for a live event.

Visca Player		_ 0
Program player Preset player Manu	al player	
Stage right - tight zoom Center State - zoom in - podium #1 Center State - zoom in - podium #2 Center State - zoom in - podium #3 State right - zoom out	Double-click a preset to run the preset	
ouble-click a preset to move the can	nera to that preset	

Double-click any Preset in the Preset Player list box to play the Preset. You can move among any Preset at any time.

Single-click any Preset in the Preset Player list box to select the camera associated with that Preset. The setting will not be applied to the camera but the 'selected camera' box in the upper-left will change so you can use the joystick or the numeric keypad to manually pan/tilt/zoom the camera during a live event.



Tip! You can use the joystick buttons #3 and #4 to toggle the selected camera up and down. This will allow you to manually pan, tilt, and zoom a camera using the joystick or the numeric keypad during a live event.

The Manual Player Tab

The manual player allows you to send a VISCA command to any camera at any point in time. This feature is useful if you don't have a Preset for a special event or simply need to update the lighting or aperture due to an unexpected event.

Visca Player Program player Preset player Mar	nual player			26
Program player Preset player War Camera stage right Position P	Focus Auto focus Image: Auto focus	Aperture Backlight Aperture 0 White balance Automatic Automatic R-gain 0 B-gain 0 AE control Mode Default Iris Close Gain -3 dB Shutter 1 fps Bright 0 dB	Smooth motion Pan Tilt Zoom	
Select a camera from the list and use	e the controls to manually update a	camera	.::	

Appendix A – Locating the VISCA COM Port

The VISCA protocol runs on a serial bus and many VISCA cameras include an RS-232 DB9 nine pin connector. Unfortunately, most new computer systems do not include native RS-232 DB9 connectors. The best option is to purchase a USB-to-RS232 converter. Here are the steps to setup this converter on your system and detect the COM port used by the converter:

- Purchase a good quality <u>USB-to-RS232 converter</u>
- Plug the USB end of the converter into your computer
- Install the USB-to-RS232 converter's device driver from the manufacturers installation disc
- Plug the RS232 cable from the camera into the DB9 connector of the converter
- The converter should now be configured to a COM port
- To verify which COM port is being used for the VISCA bus, follow these steps:
 - Open the Windows Device Manager (select Start | type "Device Manager" and select "Device Manager")
 - \circ $\;$ Locate "Ports (COM & LPT)" and click on the triangle located to the left
 - You will find the COM port name listed. For example, "Prolific USB-to-Serial Comm Port (COM2). For this example (see screen-shot below), you would configure the VISCA Camera controller software to use COM port 2



Appendix B – First-time run-through

This appendix shows a typical first-time user how to configure and run the software. It is intended as a quick-start to show you how to utilize the software and gain the best benefit.

After running the installer, the VISCA Controller application will automatically launch. If the application does not run automatically then select Windows Start | All Programs | VISCA Camera Controller folder | click VISCA Builder and Settings.



On first launch, you will be prompted for your email address and order ID. If you purchaced the software then enter the information and press the Register button. If you are trialing the software then press the Trial Mode button.

You have 30 trial days remaining		
You have 30 trial days remaining Register and ord Email Order ID	Register the and order Email Order ID	e software below. Use your email address number from your purchase confirmation.
		Purchase software now
		Trial Mode Register

Visca Camera Controller - v2.50 Configure Presets Programs	29
Settings COM port: 0 Set port	
Cameras Camera 0 Camera 0 Camera 1 Camera 2 Camera 2 Camera 3 Camera 3 Camera 4 Camera 5 Camera 6	
Help View product manual (PDF reader required) Enable diagnostic logging Copy diagnostic logs	

Press the Set Port button to configure the serial port where your VISCA cameras are connected to your PC.

Configure COM port
Select the serial COM port to communicate with the VISCA cameras
3 •
Verify Exit

Select the serial COM port from the drop-down list and press the Verify button.

Prompt	—
Found 4 cameras on	the system
	OK

You will be prompted with the number of VISCA cameras found on your PC. Click the OK button to continue.

Give a name to each of your cameras by right-clicking on the camera icon and selecting Rename from the pop-up menu. By default, each camera will be given the name "camera X" where X is a value from 0 to 6. If you want to name the cameras differently then do so now before you begin creating any Presets. Note, a Preset references a camera by name. So if you rename a camera then you must update each Preset that references the old camera name.

Configure Presets Programs	30
Settings COM port: 3 Set port Cameras Camera C Rename Identify Camera C Help View product manual (PDF real Firmware Image flip Camera S Camera A Camera A Camera A Camera S Camera A Camera A	

Rename camera			
Current name	Camera 0		
New name	Stage Right		
		Exit	ОК

To create your first Preset, select the Presets tab located in the upper-left corner and press the Create button. Enter any descriptive name you choose. Any press the Create button.

& Visca Camera Controller - v2.50 Configure Presets Programs						
Presets	Camera	Focus	Aperture Backlight Aperture	15 🛓	Smooth motion	
	Create new preset Name of new preset Front of Stage (Stage	: Left)	,e	v 15 ^ 15 ^	Tilt	Zoom
	Pan speed 24 A	Cancel	Create	¥ ¥		
Create Delete Save	Tilt speed 23 Pan 000 Tilt 000	Digital magnification	Shutter Bright	* *	1	

Select the Preset in the Presets list box located on the left side and select the camera you want to associate with that Preset. Once the camera is assigned then you can adjust any camera settings (e.g.

position, zoom, focus, etc) for that camera. You can adjust the pan/tilt/zoom of the camera using many different options: the green arrow buttons in the application, the arrow buttons on the numeric keypad, the "smooth motion" controls located in the right side, or a joy stick. When the camera view is exactly as you like then simply press the Save button to save the preset.

8 Visca Camera Controller - v2.50				- • •
Configure Presets Programs				
Presets Front of Stage (Stage Left)	Camera Stage Left	Focus Auto focus	Aperture Backlight Aperture 0	Smooth motion
	Position	< ► Far Near	White balance Automatic	
		Zoom Separate mode	R-gain 0 🛓 B-gain 0 🖈	Tilt Zoom
		Manual Vide 0 Tele	AE control Mode Default •	
	Pan speed 5	0 Speed 0 Dioital zoom	Iris Close V Gain -3 dB V	
Create Delete Save	Tilt speed 5 🚔 Pan 0 Tilt 0	1x Digital magnification	Shutter 1 fps Bright 0 dB	

Create as many Presets as you wish.

🛞 Visca Camera Controller - v2.50				
Configure Presets Programs				
Presets Front of Stage (Stage Left) Back of Stage (Stage Left) Front of Stage (Stage Right) Back of Stage (Stage Right) Center State (Center camera)	Camera Stage Left Position	Focus Auto focus	Aperture Backlight Aperture White balance	Pan
		Zoom Separate mode Manual	Automatic R-gain B-gain AE control	Tit Zoom
	Pan speed 5	✓ → Wide 0 O → Speed 0	Mode Default Inis Close Gain -3 dB	
Create Delete Save	Tilt speed 5	Digital zoom 1x Digital magnification	Shutter 1 fps Bright 0 dB	

To create your first Program, select the Programs tab located in the upper left corner and press the Create button. Enter any descriptive name you choose and press the Create button. A Program is used to contain the specific Presets you use during a specific real-time event.

Wisca Camera Controller - v2.50 Configure Presets Programs			32
Programs Create Delete Save	Program actions Create new program Name of new program Saturday 6pm	Available presets Front of Stage (Stage Left) Back of Stage (Stage Left) Front of Stage (Stage Right) Cancel Create	

Select the Program you want to update from the Programs list box located on the left side and you will see the Program Actions and Available Presets list boxes light up. Select each Preset you want to use in this Program from the Available Presets list box and press the green left arrow button. You can use the right arrow button to remove a Preset from the Program. You can use the up and down green arrow buttons to order the Presets as required by your Program. Press the Save button after you have added the required Presets to your Program.

🏶 Visca Camera Controller - v2.50			- • •
Configure Presets Programs			
Programs Saturday 6pm	Program actions Front of Stage (Stage Left) Front of Stage (Stage Right) Back of Stage (Stage Right)	Available presets Front of Stage (Stage Left) Back of Stage (Stage Right) Back of Stage (Stage Right) Center State (Center camera)	
Create Delete Save			

Now that the software has been configured and your Programs and Presets and been created you can close the VISCA Camera Controller application and launch the VISCA Player application. The application can be found by selecting Windows Start | All Programs | VISCA Camera Controller folder | click VISCA Player.



By default the VISCA Player will select your first Program and select the first Preset within that Program. The camera associated with that Preset will automatically adjust to your configured Preset.



During a live event you can use three different methods to control your VISCA cameras: Program Player, Preset Player, or Manual Player. You can use one or more of these methods as you choose.

With the Program Player tab selected you will see all of the Presets that you added to that specific Program. The Presets will be in the order you defined in the VISCA Controller application. Double-click on any Preset to move the camera associated with that Preset. You can also press the green down-arrow button to select the next Preset in the list.

🛞 Visca Player	×	34
Program player Preset player Manual player	_	<u> </u>
Selected camera: stage right		
Firday 6pm presentation	-	
Front of Stage (Stage Left) Front of Stage (Stage Right) Back of State (Stage Right)		
Select a program from the list. Double-click a preset to move the camera to that preset		

With the Preset Player tab selected you will see all of the Presets that you created. Double-click on any Preset to move the camera associated with that Preset.

Notice the 'Selected camera' in the upper-left changes to match the camera associated with the selected Preset. You can use the joystick or the numeric keypad to manually pan, tilt, zoom the selected camera at any time.

8 Visca Player	×
Program player Preset player Manual player	_
Selected camera: stage right	
Front of Stage (Stage Left) Front of Stage (Stage Right)	
Back of State (Stage Right) Center Stage (Center camera)	
Double-click a preset to move the camera to that preset	

During a live event, you can use the Manual Player tab to change camera settings to something different than specified in a Preset. Click the Manual Player tab and select the camera you want to change.

Program player Preset player Ma	anual player			
Camera stage right Position	Focus	Aperture Backlight Aperture 15 White balance	Pan	
	Zoom Select the camera	a you wish to control 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Tilt	Zoom
Pan speed 5 1 Tilt speed 5 1 Pan 0 Tilt 0	Wide 7 Speed 7 Digital zoom Digital magnification	Gain Shutter		Î

After you select a camera, the Manual Player tab will display the settings for that live camera. You can alter any setting you choose without altering any of your existing Presets. You can use the keyboard, mouse, or joy stick to control the camera. After the camera settings are updated then you can return to the Program Player or Preset Player tab.

8 Visca Player				36
Program player Preset player Manu Camera Stage Right Position Position Position Pan speed 5	Jual player Focus Auto focus ✓ Far Near Zoom Zoom Separate mode Manual ✓ Manual ✓ Wide Ø Tele Ø Near	Aperture Aperture Backlight Aperture 0 White balance Automatic Automatic R-gain 0 B-gain 0 AE control Mode Default Iris Close Gain -3 dB	Smooth motion Pan Tit Zoom	36
Tilt speed 5 Pan 0 Tilt 0 Select a camera from the list and use	Digital magnification	Bright 0 dB		

If you ever need to alter an existing Preset or create a new Preset then close the VISCA Player application and run the VISCA Controller application.