OBS Plugin & Dockable Controller

User Manual - English



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1.1 System Requirements ■ Windows 7 / 10

- Mac 10.13 or above

1.2 Software Requirements ■ OSB-Studio 25.08 or above



Chapter 2 Install OBS Plugin & Dockable Controller

2.1 Install with Windows 7 / 10

- 1. Please download OBS-Studio software and install it on your computer.
 - > Please download OBS Plugin & Dockable Controller software from the Lumens website.
- Extract the file downloaded and then click [OBS Plugin and Dockable Controller.exe] to install.
 - > The installation wizard will guide you through the process. Please follow the on-screen instructions for the next step.

| 🕼 Setup - OBS Plugin and Dockable Controller 🦳 🦷 | | 🕼 Setup - OBS Plugin and Dockable Controller — | |
|---|--------|--|--------|
| Select Destination Location Where should OBS Plugin and Dockable Controller be installed? | | Ready to Install Setup is now ready to begin installing OBS Plugin and Dockable Controller on your computer. | |
| Setup will install OBS Plugin and Dockable Controller into the following folder. To continue, click Next. If you would like to select a different folder, click Browse. Styprogram Files/obsectudio/LumensOBSPlugin | Browse | Click Install to continue with the installation, or click Back if you want to review or change any settin Destination location: C: \Program Files\obs-studio\LumensOBSPlugin | gs. |
| | | | |
| At least 5.8 MB of free disk space is required. | | < | > |
| Next | Cancel | Back | Cancel |

> When the installation is completed, press [Finish] to end the installation.



2.2 Install with Mac

- 1. Please download **OBS-Studio** software and install it on your Mac.
- 2. Please download **OBS Plugin & Dockable Controller** software from the Lumens website.
- 3. Click [OBS Plugin and Dockable Controller.pkg] to install.



Chapter 3 Start Using

3.1 Confirm Network Setting

To confirm the computer is on the same network segment as the camera.



3.2 Set video source from OBS-Studio

1. Click [**OBS Studio**] icon to open the software.





2. Click "+" to add a video source.

| GBS 27.0.1 (64 | I-bit, windows) - F | Profile: 無標題 - Scene | s: 無標題 | | | | | _ | | × |
|--------------------|---------------------|-----------------------|---|---------------|--------------|-----------|-----------|-------------|------------|---|
| File Edit View | Profile Scen | e Collection Tools | Help | | | | | | | |
| | | | | | | | | | | |
| No source selected | | \$ Proper | ties 🌒Filters | | | | | | | |
| Scenes | | Sources | Audio Mixer | | Scene Tr | ansitions | | Co | ontrols | |
| Scene | Vou da | | 輸出音效 1 | 0.0 dB | Fade | ≎ ⊀ | \$ | Start S | Streaming | |
| | Click | the + button below, | -60 -55 -50 -45 -40 -35 -30 -25 -20 -15 | | Duration 350 | ms | ÷ | Start F | Recording | |
| | or right | click here to add one | | • ¥ | | | | Start Viri | tual Camer | |
| | | | | U | | | | Stud | io Mode | |
| | | | | | | | | Se | ttings | |
| + - ^ ~ | +- | - � ^ V | | | | | | | Exit | |
| | | | (•) | LIVE: 00:00:0 | 0 🔍 REC: 00 | :00:00 (| CPU: 2. | 7%, 60.00 1 | fps | |

3. Select [VLC Video Source].

| S OBS 27.0.1 (64-bit, wind | dows) - F | Profile: 無櫄題 - Scenes: 無櫄題 | | | | - | | × |
|----------------------------|---------------------|--|-----------------------------|-------------------|---------------|-------------|-----------|----|
| File Edit View Profile | Scene | e Collection Tools Help | | | | | | |
| | | | | | | | | |
| | ¥ ∰ S X I 8 I 1 1 × | Audio Input Capture Audio Output Capture Browser Color Source Display Capture Game Capture Image Image Slide Show Media Source | | | | | | |
| No source selected | ≣ | Scene | | | | | | |
| Scenes | Ē | | Audio Mixer | Scene Transi | tions | Co | ontrols | |
| Scene | | VLC Video Source | 0.0 dB | Fade | 0 \$ | Start | Streaming | |
| | CI 🞴 | Video Capture Device | 15 40 35 30 25 20 15 10 5 0 | Duration 350 ms | \Rightarrow | Start | Recording | |
| | or ri | Window Capture | | | | Start Vir | tual Came | ra |
| | | Group | | | | Stud | lio Mode | |
| | | Deprecated • | | | | Se | ttings | |
| $+ - $ \sim | + | * ^ Y | | | | | Exit | |
| | | | ((•)) LIVE: 00:00: | 00 • REC: 00:00:0 | 00 CPU: | 4.2%, 60.00 | fps | |



4. Give a name to the video source and click [OK].

| 🕞 OBS 27.0.1 (64-bit, wind | dows) - Profile: 無積 | 題 - Scenes: 無標題 | | | | | | _ | | \times |
|----------------------------|---------------------|--------------------|--------|-----------------|------------|--------------|--------|-------------|------------|----------|
| File Edit View Profile | Scene Collectio | n Tools Help | | | | | | | | |
| | | | | | | | | | | |
| | | S Create/Select | Source | | × | | | | | |
| | | O Create new | | | | | | | | |
| | | VC-A71P | | | | _ | | | | |
| | | Add Existing | | | | _ | | | | |
| No source selected | L | | | | | | | | | |
| Scenes | Source | | | | | e Transition | s | с | ontrols | |
| Scene | You don't have ε | ✓ Make source visi | ible | ОК | Cancel | \$ | \$ | Start | Streaming | |
| | Click the + butt | | | | Contect | 350 ms | ÷. | Start | Recording | |
| | | | | • • • • | | | | Start Vi | rtual Came | ra |
| | الماليا 🔮 | , 0 | | | | | | Stu | dio Mode | |
| | | | | | | | | S | ettings | |
| + - ^ ~ | +- 🌣 🗸 | \sim | | | | | | | Exit | |
| | | | | ((•)) LIVE: 00: | 00:00 🔍 RE | C: 00:00:00 | CPU: 3 | 3.9%, 60.00 | fps | |

5. In Properties page, select "+" then select [Add Path/URL].





6. Key in the RTSP stream URL then click [OK].



RTSP connection address formats are as follows:

- RTSP Main Streaming (4K@H.265)=> rtsp://camera IP:8554/hevc
- RTSP Sub1 Streaming (1080P@H.264)=> rtsp://<u>camera IP</u>:8557/<u>h264</u>
- RTSP Sub2 Streaming (720P@H.264)=> rtsp://camera IP:8556/h264

7. Select RTSP URL on the Playlist then click [OK].

| Properties for 'VC-A71P' | × |
|--|---------------|
| | |
| ✓ Loop Playlist Shuffle Playlist | |
| Playlist rtsp://192.168.4.11:8557/h264 | + |
| | - ` * ^ |
| Defaults | OK Cancel |



8. The stream will be displayed on the OBS-Studio.



3.3 How to use Lumens OBS Plugin to control camera

< Please note that the OBS plugin and Dockable cannot be used simultaneously, as doing so may cause instability >

1. Select [Tools] => [Lumens OBS Plugin]



Lumens®



2. Lumens OBS Plugin window will be displayed.

3. Select [Settings] => [Camera Assign]





- \blacktriangleright (1) Press [Search] to find IP cameras from the same network.
- > ② Select a Camera you would like to control from IP Camera List.
- \succ (3) Select the Camera No.
- $\succ~\textcircled{4}$ You can change the Camera name.
- > (5) Click [Apply] and close Camera Assign window.

| 192 168 4 11 | amera1 VC-A71P | |
|--|---------------------------------------|----|
| iP Camera List | 5 Apply 1 Search | |
| ID A LL | | 14 |
| IP Address | Camera ID | |
| 192.168.4.84 | VC-A0TP VC-A61P | |
| 192.168.4.84 192.168.4.48 | VC-A61P CV730 | |
| 192.168.4.48 192.168.4.48 192.168.4.49 | Camera ID VC-A61P CV730 601P | |

4. Select set Camera from Select Camera tab, Camera Control setting will be enable. Now you can control the camera via Lumens OBS plugin.





3.4 How to use Lumens OBS Dockable to control camera

< Please note that the OBS plugin and Dockable cannot be used simultaneously, as doing so may cause instability >



2. Custom Browser Docks window will be displayed.

| Custom Browser Docks | × | | | | |
|--|-------------|--|--|--|--|
| Add docks by giving them a name and URL, then click Apply or Close to open the docks. You can add or remove docks at any time. | | | | | |
| Dock Name | URL | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | Apply Close | | | | |



- 3. Enter the Dock Name & URL
 - Dock Name : Give a name to the customized dock.
 - URL: Copy the installed link dock sample and paste it to the field.
 - > For the URL information, please find the installed folder of Dockable Controller.
 - > Normally the folder would be following path:

C:\Program Files\obs-studio\LumensOBSPlugin\Dockable Controller

The part circled in the red box below is the dock samples.

| > * 🛧 🦲 « o | bs-studio > LumensOBSPlugin > Dockable Co | ntroller | | ~ | Ö |
|------------------------------|---|-------------------|------------------|------|-------|
| 1 Quick second | Name | Date modified | Туре | Size | |
| Cuick access | assets | 6/25/2021 4:48 PM | File folder | | |
| Desktop 🚿 | 📙 images | 6/25/2021 4:48 PM | File folder | | |
| - Downloads 🖈 | lib | 6/25/2021 4:48 PM | File folder | | |
| 😭 Documents 🛛 🖈 | C broadcast_controller | 6/8/2021 11:14 AM | Microsoft Edge H | | 13 KE |
| 📰 Pictures 🛛 🖈 | C church_controller | 6/8/2021 11:14 AM | Microsoft Edge H | | 13 KE |
| OneDrive | C corporate_controller | 6/8/2021 11:14 AM | Microsoft Edge H | | 13 KB |
| OneDrive | C education_controller | 6/8/2021 11:14 AM | Microsoft Edge H | | 13 KE |
| This PC | C medium_6presets_controller | 6/8/2021 11:14 AM | Microsoft Edge H | | 12 KE |
| | C medium_9presets_controller | 6/8/2021 11:14 AM | Microsoft Edge H | | 12 KE |
| r Network | C small_controller | 6/8/2021 11:14 AM | Microsoft Edge H | | 12 KE |

4. Open the dock sample by browser and copy the URL.





5. Fill in the DockName, paste avove URL to custom browser docks window and then click [Apply].

| Custom Browser Docks | | × |
|---|--|---|
| Add docks by giving them a name and URL, then click Apply or Close to o | pen the docks. You can add or remove docks at any time. | |
| Dock Name | URL | |
| broadcast_controller | file:///C:/Progra ^I n%20Files/obs-studio/LumensOBSPlugin/Dockable%2 | ۵ |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | Appiy Close | |

6. Customized dock window will be displayed and you can merge it with OBS-Studio software.

| OBS 27.0.1 (64-bit, windows) | - Profile: Untitled - Scenes: Untitled | | | - 🗆 X |
|------------------------------|--|-------------|------------------------|--------------------------|
| File Edit View Profile Sco | ene Collection Tools Help | | broadcatt controller | |
| | | Man Ma | Lumens Camera0 | 1 |
| | | | ASSIGN PRESETS | PREFERENCES |
| | | | Microphone Podiu | m Stage |
| | | | Microphone Zoom 7 8 | 5 Audience 9 |
| No source selected | 🌣 Properties 📎 Filt | ers | Zoom Focus | |
| Scene | Sources | Audio Mixer | € (⊕) | |
| + - ~ ~ | +-\$^\ | | ((@)) LTVE+ 00-00-00 @ | 0.00 CPU-26.7% 60.00 fps |

7. Click [PERFEREMCES] to key in the IP address of the camera you would like to control and click [Connect].

| broadcast_controller | broadcast_controller | |
|--------------------------------------|-------------------------|--------------|
| Lumens Camera01 | Preferences | × |
| ASSIGN PRESETS PREFERENCES | IP Address | |
| • * | 192.168.4.11 | Connect |
| | Camera Name Camera01 | |
| Microphone Podium Stage | Mirror - Off | Flip - Off |
| | Motionless Preset - Off | Focus - Auto |
| Microphone Zoom Podium Zoom Audience | Pan Speed | Zoom Speed |
| 7 8 9 | 8 🔻 | 5 • |
| | Tilt Speed | Focus Speed |
| Zoom Ecous | 8 • | 5 • |
| 200m Pocus | Initial Position | 5 <u> </u> |
| | Last MEM • | |
| | | |
| | | Savo |
| | | Jave |

8. After connecting, a pops windows will show the camera is connected.

| avaScript Alert - file:///C:/Program%20Files/obs-studio | × |
|---|---|
| Camera connected | |
| | _ |
| OK | |

9. Now you can use Lumens dockable to control the IP camera.



Chapter 4 Operation Interface Description

4.1 OBS Plugin

4.1.1 Main





| | | If the connection fails, a message window will pop up. |
|---|-----------------------|--|
| 5 | Zoom ratio | Adjust the zoom-in or zoom-out ratio via the slider bar. |
| 6 | Pan / Tilt setting | Adjust the Pan/Tilt position of the camera screen. |
| 7 | Focus | Select MF(manual) / AF(automatic) focus. The focusing range is adjustable when the focus mode is set to "Manual". |
| 8 | Preset setting | Select the number first and then select [STORE] or [CALL]. |

4.1.2 Settings-Camera Assign

| | 😗 Can | nera Assign | ? 🗙 | |
|-------|------------------|--|---|-----------------------|
| | (1 192 6 c | 2.168.4.11 Cam Camera List | era1 ▼ VC-A71P 4 Apply 5 Search | |
| | 192. | IP Address | Camera ID | |
| 192.1 | | 168.4.84 | VC-A61P | |
| | 192.1 | 168.4.48 | CV730 | |
| | 192.1 | 168.4.49 | 601P | |
| | 192.1 | 168.4.11 | VC-A71P | |
| | | | | |
| No | Item | | Function Descriptions | |
| 1 | IP Address | You can apply the IP | of the IP Camera list or manually ent | er the IP. |
| 2 | Camera No. | Select Camera 1~8 | | |
| 3 | Camera Name | Manually edit the car | nera name. | |
| 4 | Apply | Click to apply settings. | | |
| 5 | Search | Click to search for Lu fill in the IP Address b | mens PTZ Camera, click in the IP Ca box. | mera list and IP will |
| 6 | IP Camera List | List the searched Car | mera IP and Camera ID after click se | arch button. |

<Remark>Lumens OBS plug-in CANNOT auto-discover Lumens NDI cameras. Please manually add Lumens NDI models via IP address.



4.1.3 Settings- PanTilt limit

| | 🕞 Pan Tilt Lim | it Setting | | ? | × | |
|----|----------------------------------|---|---|-------------------|--------------------|-------------------|
| | 1 PanTilt limi | t | OFF | | | |
| | 2 Tilt Tilt Do 3 PTZ Speed | Up Limit wn Limit | Pan Left Limit Pan Right Limit OFF | |] | |
| No | ltem | | Function Desc | riptio | ns | |
| 1 | PanTilt limit | Switch button to | enable/disable PanTilt li | mit set | ting. | |
| 2 | PanTilt limit setting | Set PanTilt limit | position. | | | |
| 3 | PTZ Speed Comp | Switch button to of the Zoom. <caution> Don</caution> | enable/disable the Pan/ 't support VC-A50P and ' | Tilt spe ∕C-BC | ed vary series. | with the position |

4.1.4 Settings- Preset rename





4.1.5 View- Advance mode

| | () (2) (3) (4) | PTZF SpeedPan speed7Tilt speed7Focus speed3Preset Speed7ExposureAuto $\sqrt{100}$ $\sqrt{100}$ Shutter speed1/601/601Gain1/6045dB1Gain45dB1White BalanceAuto1R Gain58B Gain1Image ModeDefault1Sharpness71Hue71Dig-EffectOFF | Zoom speed 5 beed 5 deg/sec Low Light Indoc Back Light Motio 52 + One Pu 52 + One Pu 52 + 3 Saturation 7 Gamma 3 | v or on 1sh | | |
|-------------------|--|---|--|--|--|---------|
| | _ | | | | | |
| No | Item | Fu | Inction Descrip | otions | | |
| NO 1 | Item PTZF Speed | Adjust the moving speed o | Inction Descrip f Pan/Tilt/Zoom/Fo | otions cus/Preset. | | |
| No 1 | Item PTZF Speed | Adjust the moving speed of Exposure Mode: Select | Inction Descrip f Pan/Tilt/Zoom/Fo exposure mode (A | otions cus/Preset. Auto/Manual) | | |
| No 1 | Item PTZF Speed | Adjust the moving speed of Exposure Mode: Select Shutter speed: The shu | f Pan/Tilt/Zoom/Fo exposure mode (<i>A</i> tter speed is adjust | otions cus/Preset. Auto/Manual) table when th | e exposure mo | de |
| No | Item PTZF Speed | Fu Adjust the moving speed of Exposure Mode: Select Shutter speed: The shutis set to "Manual". | f Pan/Tilt/Zoom/Fo exposure mode (<i>A</i> tter speed is adjus | otions cus/Preset. Auto/Manual) table when th | e exposure mo | de |
| No | Item PTZF Speed | Fu Adjust the moving speed of Exposure Mode: Select Shutter speed: The shuris set to "Manual". Iris: The size of aperture | f Pan/Tilt/Zoom/Fo exposure mode (<i>A</i> tter speed is adjusted is adjusted is adjusted by the speed by | otions cus/Preset. Auto/Manual) table when th n the exposur | e exposure mo e mode is set te | de o |
| No | Item PTZF Speed | Fu Adjust the moving speed of Exposure Mode: Select Shutter speed: The shu is set to "Manual". Iris: The size of aperture "Manual". | Inction Descrip f Pan/Tilt/Zoom/Fo exposure mode (<i>I</i> tter speed is adjust is adjustable when | otions cus/Preset. Auto/Manual) table when th n the exposur | e exposure mo e mode is set to | de o |
| <u>1</u> | Item PTZF Speed | Fu Adjust the moving speed of Exposure Mode: Select Shutter speed: The shu is set to "Manual". Iris: The size of aperture "Manual". Gain: The gain limit is additional | Inction Descrip f Pan/Tilt/Zoom/Fo exposure mode (<i>A</i> tter speed is adjust is adjustable when djustable when the | otions cus/Preset. Auto/Manual) table when th table exposure mo | e exposure mo e mode is set to de is set to | de o |
| No 1 2 | Item PTZF Speed Exposure | Fu Adjust the moving speed of Exposure Mode: Select Shutter speed: The shu is set to "Manual". Iris: The size of aperture "Manual". Gain: The gain limit is ad "Manual". | f Pan/Tilt/Zoom/Fo exposure mode (<i>F</i> tter speed is adjust is adjustable when djustable when the | otions cus/Preset. Auto/Manual) table when th n the exposur exposure mo | e exposure mo e mode is set to de is set to | de o |
| No 1 | PTZF Speed Exposure | Fu Adjust the moving speed of Exposure Mode: Select Shutter speed: The shu is set to "Manual". Iris: The size of aperture "Manual". Gain: The gain limit is ad "Manual". Scene Mode: Select Scene | Inction Descrip f Pan/Tilt/Zoom/Fo exposure mode (<i>A</i> tter speed is adjust is adjustable when djustable when the ene mode(Low Ligh | otions cus/Preset. Auto/Manual) table when th the exposure exposure mo | e exposure mo e mode is set to de is set to klight/Motion) | de o |
| <u>No</u> 1 | PTZF Speed Exposure | Full Adjust the moving speed of Exposure Mode: Select Shutter speed: The shuris set to "Manual". Iris: The size of aperture "Manual". Gain: The gain limit is ad "Manual". Scene Mode: Select Scene Mode | Inction Descrip f Pan/Tilt/Zoom/Fo f exposure mode (<i>I</i> tter speed is adjustable when djustable when the ene mode(Low Light ight | otions cus/Preset. Auto/Manual) table when th n the exposur exposure mo nt/Indoor/Bacl | e exposure mo e mode is set to de is set to klight/Motion) | de o |
| <u>No</u> 1 | PTZF Speed Exposure | Adjust the moving speed of Adjust the moving speed of Exposure Mode: Select Shutter speed: The shuris set to "Manual". Iris: The size of aperture "Manual". Gain: The gain limit is ad "Manual". Scene Mode: Select Scene Mode Scene mode Shutter speed 1/30(1 | Inction Descrip f Pan/Tilt/Zoom/Fo c exposure mode (A tter speed is adjustable when djustable when the ene mode(Low Light - ight /25) 1/60(1/50) | otions cus/Preset. Auto/Manual) table when th the exposur exposure mo nt/Indoor/Back Back Light 1/120 | e exposure mo e mode is set to de is set to klight/Motion) | de o |
| <u>No</u> 1 | PTZF Speed | Adjust the moving speed of Adjust the moving speed of Exposure Mode: Select Shutter speed: The shuris set to "Manual". Iris: The size of aperture "Manual". Gain: The gain limit is ad "Manual". Scene Mode: Select Scene Mode Scene mode Shutter speed 1/30(1 Iris F2. | Inction Descrip f Pan/Tilt/Zoom/Fo f exposure mode (F exposure mode (is adjustable when djustable when the ene mode(Low Light ight /25) 1/60(1/50) 0 F3.2 | otions cus/Preset. Auto/Manual) table when th the exposure exposure mo nt/Indoor/Bacl Back Light 1/120 F4.5 | e exposure mo e mode is set to de is set to klight/Motion) | de o |
| <u>No</u> 1 | PTZF Speed Exposure | Adjust the moving speed of Adjust the moving speed of Exposure Mode: Select Shutter speed: The shuris set to "Manual". Iris: The size of aperture "Manual". Gain: The gain limit is ad "Manual". Scene Mode: Select Scene Mode Scene mode Scene mode Iris F2. Gain | Inction Descrip f Pan/Tilt/Zoom/Fo c exposure mode (A tter speed is adjustable when djustable when the ene mode(Low Light /25) 1/60(1/50) 0 F3.2 B 24dB | otions cus/Preset. Auto/Manual) table when th the exposure exposure mo nt/Indoor/Bacl Back Light 1/120 F4.5 21dB | e exposure mo e mode is set to de is set to klight/Motion) <i>F</i> 3.2 27dB | de o |
| <u>1</u> 2 | Item PTZF Speed Exposure | Adjust the moving speed of Adjust the moving speed of Exposure Mode: Select Shutter speed: The shuris set to "Manual". Iris: The size of aperture "Manual". Gain: The gain limit is ad "Manual". Scene Mode: Select Scene Mode: Select Scene Scene mode Scene mode Shutter speed 1/30(1 Iris F2. Gain 33d <remark>VC-A50P does reference</remark> | Inction Descrip f Pan/Tilt/Zoom/Fo c exposure mode (A tter speed is adjustable when djustable when the ene mode(Low Light ight /25) 1/60(1/50) 0 F3.2 B 24dB not support Gain | otions cus/Preset. Auto/Manual) table when th the exposure exposure mo nt/Indoor/Bacl Back Light 1/120 F4.5 21dB | e exposure mo e mode is set to de is set to klight/Motion) <i>Klight/Motion</i> 1/180 F3.2 27dB | de o |
| <u>1</u> 2 | Item PTZF Speed Exposure | Adjust the moving speed of Adjust the moving speed of Exposure Mode: Select Shutter speed: The shuris set to "Manual". Iris: The size of aperture "Manual". Gain: The gain limit is ad "Manual". Scene Mode: Select Sce | Inction Descrip f Pan/Tilt/Zoom/Fo e exposure mode (A tter speed is adjustable when djustable when the djustable when the ene mode(Low Light /25) 1/60(1/50) 0 F3.2 B 24dB not support Gain eet the White Bala | otions cus/Preset. Auto/Manual) table when the table when the n the exposure exposure mode. | e exposure mo e mode is set to de is set to klight/Motion) <i>Klight/Motion</i> 1/180 F3.2 27dB | de o |
| 2 3 | Item PTZF Speed Exposure White Balance | Adjust the moving speed of Adjust the moving speed of Exposure Mode: Select Shutter speed: The shuris set to "Manual". Iris: The size of aperture "Manual". Gain: The gain limit is ad "Manual". Scene Mode: Select Scene Mode: Select Scene Scene mode Shutter speed Shutter speed Iris F2. Gain 33d <remark>VC-A50P does r White Balance Mode: Se >Auto (4000K~7000K)</remark> | Inction Descrip f Pan/Tilt/Zoom/Fo c exposure mode (<i>A</i> tter speed is adjustable when djustable when the ene mode(Low Light /25) 1/60(1/50) 0 F3.2 B 24dB not support Gain | otions cus/Preset. Auto/Manual) table when th the exposure exposure mo nt/Indoor/Bacl Back Light 1/120 F4.5 21dB | e exposure mo e mode is set to de is set to klight/Motion) <i>F3.2</i> 27dB | de o |
| No 1 2 3 | Item PTZF Speed Exposure White Balance | Adjust the moving speed of Adjust the moving speed of Exposure Mode: Select Shutter speed: The shuris set to "Manual". Iris: The size of aperture "Manual". Gain: The gain limit is ad "Manual". Scene Mode: Select Scene Mode: Select Scene Scene mode Shutter speed Shutter speed Scene mode Shutter speed Shutter speed Scene mode Scene mode Shutter speed Stain Sadd Shutter speed Stain Sadd Shutter speed Stain Sadd Sadd Sadd Sadd Sadd Sadd Sadd Sadd Sadd | Inction Descrip f Pan/Tilt/Zoom/Fo c exposure mode (A tter speed is adjustable when djustable when the ene mode(Low Light - /25) 1/60(1/50) 0 F3.2 B 24dB not support Gain elect the White Bala | otions cus/Preset. Auto/Manual) table when th the exposure exposure mo nt/Indoor/Bacl Back Light 1/120 F4.5 21dB | e exposure mo e mode is set to de is set to klight/Motion) <i>1/180</i> F3.2 27dB | de o |



| | | ≻One Push |
|---|-------|--|
| | | ► Manual (R Gain +/- ; B Gain +/-) |
| | | ■ R/B Gain: Manually adjust blue/red gain value. |
| | | ■ One Push: One push WB will be trigger when the white balance mode is |
| | | set to " One Push ". |
| | | ■ Image Mode: Select the Image mode (Default/Custom) |
| | | When the image mode is set to Custom, following items can be adjusted |
| | | Sharpness: Adjust the sharpness of the image. |
| 4 | Imaga | Saturation: Saturation adjustment of the image. |
| 4 | Image | ■ Hue: Adjust the hue. |
| | | Gamma: Gamma Level adjustment. |
| | | ■ Dig-Effect: Set the mode at which the image is turned. |
| | | (OFF/MIRROR/FLIP/MIRROR+FLIP) |



4.2 OBS Dockable

4.2.1 Control window

| Camerall (1) 2 ASSIGN PRESETS 3 PREFERENCES 4 4 4 4 4 4 4 4 4 4 4 4 4 | | | | |
|---|---|--|--|--|
| No | ltem | Function Descriptions | | |
| 1 | Camera Name | Show the camera name you are controlling. | | |
| 2 | | Move the camera into the position you want and click the preset button you want to assign. Assign Presets 1. Move the camera into the position you want 2. Click the preset button you want to assign | | |
| | ASSIGN FRESETS | 1 2 3 4 5 6 7 8 9 Done | | |
| 3 | PREFERENCES | 1 2 3 4 5 6 7 8 9 Done Done Please refer to <u>4.2.2 PREFERENCES</u> | | |
| 3 | PREFERENCES Preset Controller | 1 2 3 4 5 6 7 8 9 Done Done Please refer to <u>4.2.2 PREFERENCES</u> Press the button to execute Preset Recall. | | |
| 3 4 5 | PREFERENCES Preset Controller Zoom | 1 2 3 4 5 6 7 8 9 Done Done Please refer to <u>4.2.2 PREFERENCES</u> Press the button to execute Preset Recall. Adjust the zoom-in or zoom-out. | | |
| 3 4 5 6 | PREFERENCES Preset Controller Zoom Focus | 1 2 3 4 5 6 7 8 9 Please refer to <u>4.2.2 PREFERENCES</u> Press the button to execute Preset Recall. Adjust the zoom-in or zoom-out. Adjust the focus range. | | |



4.2.2 PERFERENCES

| | Prefere | nces × |
|-------------------|--|--|
| | IP Address Camera Na Camera | a01 |
| | 3 | Mirror - Off Flip - Off Ditionless Preset - Off Focus - Auto |
| | Pan Speed8Tilt Speed85Initial PosiLast M | Zoom Speed 5 Focus Speed 5 5 tion EM Save |
| No | Item | Function Descriptions |
| 1 | IP Address | Enter the IP address the Camera and click [Connect] button. |
| 2 | Camera Name | Modify the camera name. (Default: Camera01) Camera names are limited to 1 - 12 characters. Please use a camera name by mixing uppercase and lowercase letters or numbers. Do not use "/" and "space" or special symbols. |
| 3 Setting buttons | | Press buttons to switch the mode. Mirror- On/Off Filp- On/Off Motionless Preser- On/Off Focus- Manual/Auto |
| 4 | Speed | Adjust the moving speed of Pan/Tilt/Zoom/Focus. |
| 5 | Initial Position | Select the initial position. (Last MEM / 1st Preset) |



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