



THE BELT RAILWAY COMPANY OF CHICAGO

TRANSPORTATION NOTICE

#2019-029

Effective June 20, 2019

To: ALL CONCERNED

Subject: Camera Operation

This Notice contains a quick user reference guide to the Pelco Camera System operating features, use of camera wiper, and identifies joystick shortcuts/features.

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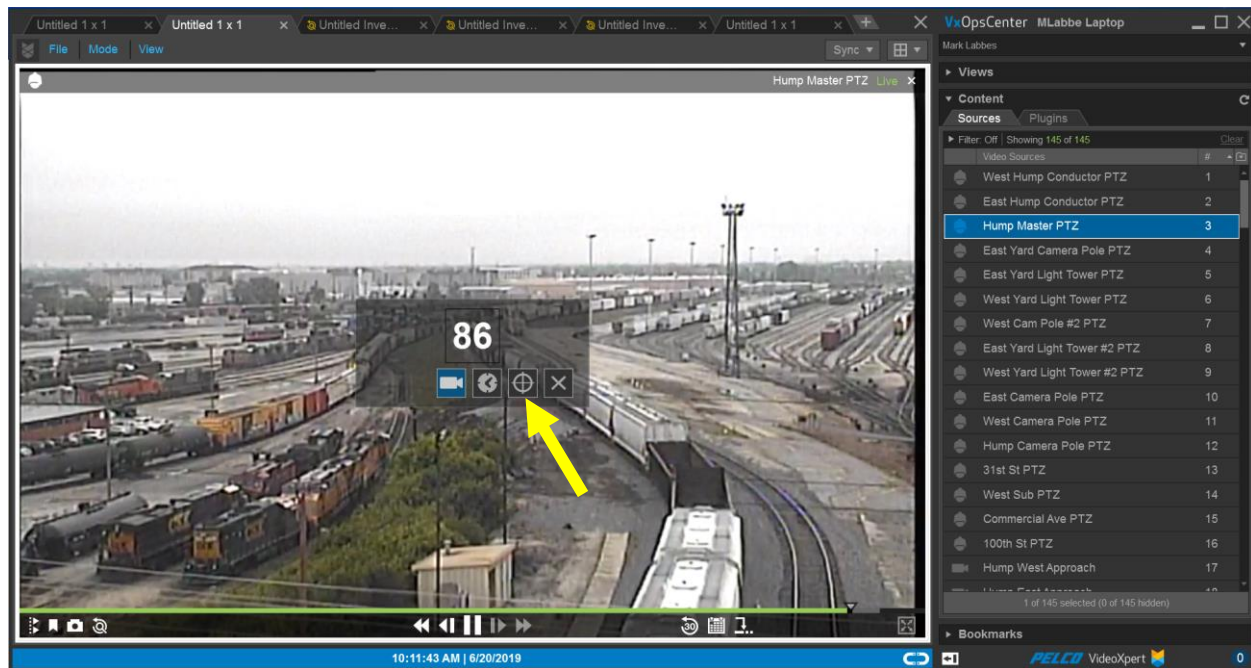
Transportation Notices in Effect:

2017	006
2018	001, 002, 003, 004, 005, 006, 007, 008, 010, 018, 024, 041, 046
2019	002, 012, 013, 017, 018, 019, 021, 022, 025, 027, 028, 029

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Only PTZ (movable cameras) are equipped with a wiper on the protective covering of the camera. To operate the wiper the operator must do the following,

- 1) Use mouse to click on the screen that you intend to use the wiper on
- 2) Using the keyboard type number 86
- 3) Hit Enter. Box will appear in the middle of the screen as shown below:



- 4) Next using the mouse select the "Bullseye" icon, the wiper will then activate across and back one time.
- 5) To use the wiper again, repeat steps 2 through 4.

Ops Center Shortcuts

Camera Controls (PTZ)	
<i>Enter</i>	Enter/Exit PTZ Mode
<i>Alt + Enter</i>	Enter/Exit Digital PTZ Mode
<i>Home</i>	Send the camera to its home position (preset 1)
<i>Ctrl + L</i>	Lock/Unlock a PTZ camera
<i>Left Arrow</i>	Pan/nudge video when PTZ is enabled
<i>Right Arrow</i>	Pan/nudge video when PTZ is enabled
<i>Up Arrow</i>	Tilt/nudge video when PTZ is enabled
<i>Down Arrow</i>	Tilt/nudge video when PTZ is enabled
<i>Page Up</i>	Zoom In
<i>Page Down</i>	Zoom Out
<i>Ctrl + I</i>	Open Iris
<i>Shift + Ctrl + I</i>	Close Iris
<i>Ctrl + F</i>	Focus In
<i>Shift + Ctrl + F</i>	Focus Out

Tab Navigation	
<i>Ctrl + Tab</i>	Go to the next tab
<i>Shift + Ctrl + Tab</i>	Go to the previous tab

Cell Contents and Layout	
<i>Insert</i>	Add a source to a cell by ID
<i>Enter</i>	Add a source to a cell by ID from the <i>Call Up Camera/Time</i> dialog
<i>Delete</i>	Close a video stream
<i>Ctrl + E</i>	Enter/Exit fullscreen mode
<i>Esc</i>	Exit fullscreen mode
<i>Ctrl + Delete</i>	Close all video streams in the selected window
<i>CTRL+O</i>	Opens the tooltip for the selected cell
<i>CTRL+↕</i>	Cycle layout; 1 up becomes 2 x 2, and so on
<i>CTRL+↔</i>	Cycle layout in reverse order; 2 x 2 becomes 1 up, and so on
<i>Ctrl + Shift + S</i>	Save the current window or workspace; if the current workspace does not yet exist, opens the <i>Save As</i> dialog
<i>CTRL+1</i>	1 x 1 Layout
<i>CTRL+2</i>	2 x 2 Layout
<i>CTRL+3</i>	3 x 3 Layout

Cell Contents and Layout

<i>CTRL+4</i>	4 x 4 Layout
<i>CTRL+5</i>	1 x 2 Layout
<i>CTRL+6</i>	3 x 2 Layout
<i>CTRL+7</i>	2 x 3 Layout
<i>CTRL+8</i>	4 x 3 Layout
<i>CTRL+9</i>	2 x 1 Layout
<i>CTRL+0</i>	1 + 5 Layout

Playback Controls

<i>Spacebar</i> or <i>P</i>	Enter playback mode; when in playback mode, plays/pauses video
<i>Alt + Enter</i>	Engage playback at the specified 24-hour time.
<i>Alt</i>	Hold and click fast forward or fast reverse icons to jump to the next or previous recording; Alt only works this way for on-screen controls, not for the fast forward or reverse keys or 3D mouse operations.
<i>Up Arrow</i>	Play
<i>Down Arrow</i>	Pause
<i>Alt + Spacebar</i> or <i>Alt + P</i>	Reverse video at normal speed
<i>L</i>	Jump to live video
<i>Left Arrow</i> or <i>Y</i>	Fast reverse; press multiple times to increase playback speed.
<i>U</i>	Reverse video 1 frame.
<i>I</i>	Advance video 1 frame.
<i>Shift + Right Arrow</i>	Play video at fractional speeds
<i>Right Arrow</i> or <i>O</i>	Fast forward; press multiple times to increase playback speed
<i>A</i>	Jump back 1 hour
<i>S</i>	Jump back 30 minutes
<i>D</i>	Jump back 1 minute
<i>F</i>	Jump back 30 seconds
<i>G</i>	Jump forward 30 seconds
<i>H</i>	Jump forward 1 minute
<i>J</i>	Jump forward 30 minutes
<i>K</i>	Jump forward 1 hour
<i>B</i>	Add bookmark
<i>Shift + B + Right Arrow</i>	Go to next bookmark
<i>Shift + B + Left Arrow</i>	Go to previous bookmark

SpaceMouse Pro Controls



1: N/A

2: Last camera used

3: Previous Camera (by ID)

4: Next Camera (by ID)

Esc: Close Iris


Ctrl: Open Iris


Shift: Focus in


Alt: Focus out


Menu: Toggle playback mode

 Add bookmark

 Take a snapshot

 Toggle PTZ Mode; "Go" when using the date/time selector

 Open the date/time selector

 Send a camera to its "home" position (preset 1)

Fit: Open the selected cell in full screen view

Joystick Controls: The joystick moves directionally and twists; each action performs a different function depending on your viewing mode. Press down on the joystick when in PTZ or Playback modes to escape the current cell and navigate the workspace without exiting PTZ or Playback in the current cell.

Directional Controls

- **Navigation Mode:** Move between cells.
- **PTZ:** Pan and tilt the selected camera.
- **Mapping:** Move around the map.
- **Playback:** Move the joystick left or right to pause video and rewind or advance video frame by frame. Move the joystick up to play back video at normal speed or down to pause video.

Twist Controls

- **PTZ:** Zoom in or out.
- **Iris Control:** Hold while twisting to open or close the iris.
- **Focus Control:** Hold F while twisting for manual focus control.
- **Mapping:** Zoom the map in or out.
- **Playback:** Engage fast-forward or fast-reverse playback. Twist again or twist and hold to increase playback speed.