

Partner: Canon
Model: VB-C300
Device Type: Camera



GENERAL INFORMATION

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| SIMPLWINDOWS NAME: | Canon VB-C300 |
| CATEGORY: | Camera |
| VERSION: | 1.2 |
| SUMMARY: | This module controls the Canon VB-C300 camera via TCP/IP |
| GENERAL NOTES: | *This module is used with Crestron HD-Capture (CAM-IPTZ-101)* |
| CRESTRON HARDWARE REQUIRED: | 2-Series processor with Ethernet interface, 3-Series processor |
| SETUP OF CRESTRON HARDWARE: | TCP Client Port 80 |
| VENDOR FIRMWARE: | N/A |
| VENDOR SETUP: | None |
| CABLE DIAGRAM: | Cat5E |

CONTROL:

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| Connect_Camera | D | Connect to the camera. |
| Disconnect_Camera | D | Disconnect the camera. |
| Pan_Left | D | Pan the camera left. |
| Pan_Right | D | Pan the camera right. |
| Tilt_Up | D | Tilt the camera up. |
| Tilt_Down | D | Tilt the camera down. |
| Zoom_In | D | Zoom the camera in. |
| Zoom_Out | D | Zoom the camera out. |

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| Up_Left | D | Move the camera up and left. |
| Up_Right | D | Move the camera up and right. |
| Down_Left | D | Move the camera down and left. |
| Down_Right | D | Move the camera down and right. |
| Poll_PTZ_Position | D | Retrieves the pan, tilt and zoom position. |
| Set_Pan_Speed | A | Sets the speed of the pan. |
| Set_Tilt_Speed | A | Sets the speed of the tilt. |
| Set_Zoom_Speed | A | Sets the speed of the zoom. |
| Focus_Near | D | Focus the camera near. |
| Focus_Far | D | Focus the camera far. |
| Focus_ModeAuto | D | Enable auto focus. |
| Focus_Mode_Manual | D | Enable manual focus. |
| Focus_Mode_Far_Fix | D | Enable far fix focus. |
| Focus_Mode_One_Shot | D | Enable one shot focus. |
| Focus_Mode_Dome | D | Enable dome focus. |
| Preset_1-10 | D | Dynamically stores and enables presets 1 through 10. |
| {{TCP/IP_Client_>>_Connect-F}} | D | Connect to the Connect-F on the TCP/IP client. |
| {{TCP/IP_Client_>>_status}} | A | Connect to the Connect-F on the TCP/IP client. |
| {{TCP/IP_Client_>>_RX\$}} | S | Connect to the Connect-F on the TCP/IP client. |

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FEEDBACK:

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| Camera_Connected | D | Indicates the camera is connected. |
| Camera_Initializing | D | Indicates the camera is initializing and will not accept commands. |
| Pan_Current | A | Value of the current pan. |
| Tilt_Current | A | Value of the current tilt. |
| Zoom_Current | A | Value of the current zoom. |
| Pan_Left_Min | A | Value of the pan minimum. |
| Pan_Right_Max | A | Value of the pan maximum. |
| Tilt_Down_Min | A | Value of the tilt minimum. |
| Tilt_Up_Max | A | Value of the tilt maximum. |
| Zoom_Tele_Min | A | Value of the zoom minimum. |
| Zoom_Tele_Max | A | Value of the zoom maximum. |
| Pan_Speed | A | Value of the current pan speed. |
| Tilt_Speed | A | Value of the current tilt speed. |
| Zoom_Speed | A | Value of the current zoom speed. |
| Focus_Mode | S | Text showing the current focus mode. |
| Preset_Stored_Fb | D | Indicates that preset is stored. |
| {{Connect_>>_TCP/IP_Client}} | D | Connect to the Connect-F on the TCP/IP client. |
| {{TX\$_>>_TCP/IP_Client}} | S | Connect to the Connect-F on the TCP/IP client. |

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**TESTING:**

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| OPS USED FOR TESTING: | 2 Series: 4.007.0004 3 Series: 1.007.0019 |
| SIMPL WINDOWS USED FOR TESTING: | 4.02.20.00 |
| CRES DB USED FOR TESTING: | 41.01.005.00 |
| DEVICE DATABASE: | 51.07.005.00 |
| SYMBOL LIBRARY USED FOR TESTING: | 508 |
| SAMPLE PROGRAM: | 2 Series: Canon VB-C300 Pro2 Example.smw 3 Series: Canon VB-C300 CP3 Example.smw |
| REVISION HISTORY: | V1.0 - Initial release V1.1 - Updated for Preset 1-10 use V1.2-Updated for Connection loss issue. |