

Partner: SnapAV
Model: Visualint IP Camera
Device Type: Streaming



GENERAL INFORMATION

| | |
|------------------------------------|--|
| SIMPLWINDOWS NAME: | Visualint IP Camera v1.1 |
| CATEGORY: | Cameras |
| VERSION: | V1.1 |
| SUMMARY: | This module controls a Visualint IP Camera via TCP Connection. |
| GENERAL NOTES: | This module was designed and tested with VIM-1350/1450 and VIM-7230 IP Cameras using a TSW-1050 touch panel. |
| CRESTRON HARDWARE REQUIRED: | 2 or 3 Series processor |
| SETUP OF CRESTRON HARDWARE: | None |
| VENDOR FIRMWARE: | N/A |
| VENDOR SETUP: | <p>The IP Address of the Visualint IP Camera must be entered before continuing.</p> <p><u>CREDENTIALS</u></p> <p>The username and password for the Visualint IP Cameras (VIM Series) is now adjustable and different from the camera's login. Default: admin/1111</p> <p><u>URL PATH EXAMPLES</u></p> <p>MJPEG: <code>http://<username>:<password>@<ip address>:<control port>/ISAPI/MjpegStream/1/<stream id></code></p> <p>RTSP/H264:</p> <p><code>rtsp://<username>:<password>@<ip address>:<rtsp port>/1/<stream id></code></p> <p>SNAPSHOT:</p> <p><code>http://<ip address>:<control port>/snapshot.jpg</code></p> <p><i>Note: The Visualint IP Camera Module provides the snapshot image and RTSP/H264 URLs as a Serial Outputs. Currently, the MJPEG streams are not supported on Crestron Panels. The H264 should be configured no higher than 720p resolution.</i></p> |
| CABLE DIAGRAM: | N/A |

Partner: SnapAV
Model: Visualint IP Camera
Device Type: Streaming


CONTROL:

| | | |
|---------------------|---|---|
| PTZ_UP | D | Moves camera up until released. |
| PTZ_DOWN | D | Moves camera down until released. |
| PTZ_LEFT | D | Moves camera left until released. |
| PTZ_RIGHT | D | Moves camera right until released. |
| PTZ_STOP | D | Stops all PTZ commands. |
| PTZ_LEFTUP | D | Moves camera up and to the left until released. |
| PTZ_RIGHTUP | D | Moves camera up and to the right until released. |
| PTZ_LEFTDOWN | D | Moves camera down and to the left until released. |
| PTZ_RIGHTDOWN | D | Moves camera down and to the right until released. |
| PTZ_ZOOMIN | D | Zooms the camera in until released. |
| PTZ_ZOOMOUT | D | Zooms the camera out until released. |
| AUDIO_ENABLE | D | Enables the camera's audio. |
| AUDIO_DISABLE | D | Disables the camera's audio. |
| PTZ_TRIGGER_PRESET | D | Triggers the preset selected with PTZ_PRESET. |
| PTZ_TRIGGER_SCENE | D | Triggers the scene selected with PTZ_SCENE. |
| OUTPUT_ENABLE | D | Enables the output selected with OUTPUT_ID. |
| OUTPUT_DISABLE | D | Disables the output selected with OUTPUT_ID. |
| VCA_EVENT_ENABLE | D | Enables the VCA Event defined by VCA_STREAM_ID, VCA_RULE_ID, and VCA_SCENE_ID. |
| VCA_EVENT_DISABLE | D | Disables the VCA Event defined by VCA_STREAM_ID, VCA_RULE_ID, and VCA_SCENE_ID. |
| STREAM_ENABLE[1-3] | D | Enables the stream (1-3). |
| STREAM_DISABLE[1-3] | D | Disables the stream (1-3). |

Partner: SnapAV
Model: Visualint IP Camera
Device Type: Streaming



| | | |
|---------------|---|--|
| PTZ_PRESET | A | Defines the PTZ preset to trigger with PTZ_TRIGGER_PRESET. |
| PTZ_SCENE | A | Defines the PTZ scene to trigger with PTZ_TRIGGER_SCENE. |
| OUTPUT_ID | A | Defines the ID of the output to enable/disable with OUTPUT_ENABLE/DISABLE. |
| VCA_STREAM_ID | A | Defines the stream ID of the VCA Event to enable/disable with VCA_EVENT_ENABLE/DISABLE. All three VCA Analog Inputs must be defined. |
| VCA_RULE_ID | A | Defines the rule ID of the VCA Event to enable/disable with VCA_EVENT_ENABLE/DISABLE. All three VCA Analog Inputs must be defined. |
| VCA_SCENE_ID | A | Defines the scene ID of the VCA Event to enable/disable with VCA_EVENT_ENABLE/DISABLE. All three VCA Analog Inputs must be defined. |

FEEDBACK:

| | | |
|-----------------|---|--|
| URL_IMAGE | S | The path of the snapshot image for the camera. |
| URL_H264_STREAM | S | The path of the RTSP/H264 stream for the camera. |

PARAMETER:

| | | |
|--------------|---|--|
| CAMERA_IP | S | The IP Address of the camera. |
| USERNAME | S | The username for control of the camera. (Default: admin) |
| PASSWORD | S | The password for control of the camera. (Default: 1111) |
| CONTROL_PORT | D | The port used to access the UI of the camera. (Default: 8090) |
| H254_PORT | D | The H264/RTSP port for the selected stream. (Default: 554) |
| STREAM_ID | D | The ID of the stream from the camera to use for the H264/RTSP serial output. (Default: 3) (NOTE: The stream should be configured for H264 and no higher than 720p resolution.) |

Partner: SnapAV
Model: Visualint IP Camera
Device Type: Streaming

**TESTING:**

| | |
|---|---|
| OPS USED FOR TESTING: | RMC3 1.010.0060 |
| SIMPL WINDOWS USED FOR TESTING: | 4.09.04 |
| DEVICE DB USED FOR TESTING: | 90.02.001.00 |
| CRES DB USED FOR TESTING: | 65.05.004.00 |
| SYMBOL LIBRARY USED FOR TESTING: | 1049 |
| SAMPLE PROGRAM: | Visualint IP Camera Demo |
| REVISION HISTORY: | V1.1 – Added Adjustable User/Pass, Control Port, and H264 Stream V1.0 – Original Release |