

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



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Visualint IP Camera v1.0
CATEGORY:	Cameras
VERSION:	V1.0 – Original Release
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 XPANEL 2.0 Smart Graphics.
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 hardcoded and different from the camera's login. These are currently unchangeable.</p> <p>USERNAME: admin</p> <p>PASSWORD: 1111</p> <p><u>URL PATH EXAMPLES</u></p> <p>MJPEG: http://<username>:<password>@<ipaddress>:8090/ISAPI/MjpegStream/1/<streamnumber></p> <p>RTSP: rtsp://<username>:<password>@<ipaddress>:<rtspport>/<streamnumber></p> <p>SNAPSHOT: http://<ipaddress>/snapshot.jpg</p> <p><i>Note: The Visualint IP Camera Module provides the snapshot image URL as a Serial Output. Currently, the MJPEG and RTSP streams are not supported on Crestron Panels, as the streams require DIGEST authentication.</i></p>
CABLE DIAGRAM:	N/A

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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).
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.

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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.
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PARAMETER:

camera_ip\$	S	The IP Address of the camera.
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TESTING:

OPS USED FOR TESTING:	RMC3 1.010.0060
SIMPL WINDOWS USED FOR TESTING:	4.06.01
DEVICE DB USED FOR TESTING:	82.05.002.00
CRES DB USED FOR TESTING:	61.06.001.00
SYMBOL LIBRARY USED FOR TESTING:	1026
SAMPLE PROGRAM:	Visualint IP Camera Demo
REVISION HISTORY:	V1.0 – Original Release