Partner: Canon
Model: VB-M40
Device Type: Camera

CRESTRON
CERTIFIED **INTEGRATED** PARTNER

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Canon VB-M40 v1.0
CATEGORY:	Camera
VERSION:	1.0
SUMMARY:	Controls the Canon VB-M40 camera via TCP/IP.
GENERAL NOTES:	This module will control the VB-M40 camera via TCP/IP. There are other cameras within this series that use the same protocol. This module will also control the following cameras, minus the pan/tilt functionality, as these are fixed cameras: VB-M600VE VB-M600D VB-M700F
CRESTRON HARDWARE REQUIRED:	2-Series Processor w/Ethernet port, 3-Series Processor w/Ethernet port
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	v1.0
VENDOR SETUP:	N/A
CABLE DIAGRAM:	N/A

CONTROL:

Pan_<Left/Right>	D	Press to pan left or right.
Tilt_<Up/Down>	D	Press to tilt up or down.
Focus_<Near/Far>	D	Press to focus near or far.
Zoom_<Tele/Wide>	D	Press to zoom in or out.
Focus_Mode_*	D	Pulse to set focus mode.
Zoom_Speed_<Up/Down>	D	Press to adjust zoom speed.
Pan_Speed_<Up/Down>	D	Press to adjust pan speed.
Pan_Speed_In	A	Use to set the pan speed using a slider definition on a touchpanel (0d to 65535d)

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Tilt_Speed_<Up/Down>	D	Press to adjust tilt speed.
Tilt_Speed_In	A	Use to set the tilt speed using a slider definition on a touchpanel (0d to 65535d)
Brightness_<Up/Down>	D	Press to adjust brightness. Ignored if Exposure Mode is set to manual.
Iris_<Up/Down>	D	Press to adjust iris. Exposure Mode must be set to manual.
AGC_Gain_<Up/Down>	D	Press to adjust AGC gain. Exposure Mode must be set to manual.
Noise_Reduction_<Up/Down>	D	Press to adjust noise reduction.
Tv_Shutter_Speed_*	D	Press to set the Tv shutter speed. Exposure Mode must be set to manual.
Auto_Slow_Shutter_*	D	Pulse to set auto slow shutter speed. Ignored if Exposure Mode is set to manual.
Manual_Shutter_Speed_*	D	Press to set the manual shutter speed. Exposure Mode must be set to manual.
Exposure_Mode_*	D	Pulse to set exposure mode.
Metering_*	D	Pulse to set metering. Ignored if Exposure Mode is set to manual.
White_Balance_*	D	Pulse to set white balance.

FEEDBACK:

Focus_Mode_Is_*	D	Indicates the current focus mode.
Zoom_Speed_Gauge	A	Indicates the current zoom speed. For a gauge object on touchpanel..
Pan_Speed_Gauge	A	Indicates the current pan speed. For a gauge object on touchpanel.
Tilt_Speed_Gauge	A	Indicates the current tilt speed. For a gauge object on touchpanel.
Brightness_Text	S	Indicates the current brightness setting.
Iris_Text	S	Indicates the zone 2 volume level. For a gauge object on touchpanel.
AGC_Gain_Text	S	Indicates the current AGC gain setting.
Noise_Reduction_Text	S	Indicates the current noise reduction setting.
Tv_Shutter_Speed_Is_*	D	Indicates the current Tv shutter speed.
Auto_Slow_Shutter_Is_*	D	Indicates the current auto slow shutter speed.

Manual_Shutter_Speed_Is_*	D	Indicates the current manual shutter speed.
Exposure_Mode_Is_*	D	Indicates the current exposure mode.
Metering_Is_*	D	Indicates the current metering.
White_Balance_Is_*	D	Indicates the current white balance.

PARAMETERS:

Camera_IP_Address	S	IP address of the camera being controlled.

TESTING:

OPS USED FOR TESTING:	2-Series: v4.003.0015 3-Series: v1.002.0000
SIMPL WINDOWS USED FOR TESTING:	v3.11.06
DEVICE DB USED FOR TESTING:	v43.00.003.00
CRES DB USED FOR TESTING:	v31.05.009.00
SYMBOL LIBRARY USED FOR TESTING:	v810
SAMPLE PROGRAM:	Canon VB-M40 v1.0 Demo PRO2.smw Canon VB-M40 v1.0 Demo MC3.smw
REVISION HISTORY:	v1.0 – Original release.

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