








# Dedicated Micros Segment Camera V1 Module Application Guide

## Description

This module allows a user to dynamically change the camera being displayed in a secondary screen mode window.

This module is used in conjunction with the Dedicated Micros IP Module.

Compatibility			Processor Requirements	
 2-Series Compatible	 NOT CNMSX Compatible	 NOT System Builder Compatible	 Ethernet REQUIRED	 Compact Flash NOT NEEDED

## Ethernet Configuration Information

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Please refer to the Dedicated\_Micros\_IP\_Module\_V3\_help.pdf for Ethernet setup configuration.

## Module Application

Below are some examples of different secondary screen modes with the segment numbers needed to recall a camera.

Full

1
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Quad

1	2
3	4

Quad 9

1	2	3
4	5	6
7	8	9

Mult 8+2

1	2	3	4
5	6	7	8
9		10	

P-in-P 4 Bottom Left

1	2	3
4		5
		6

P-in-P 4 Bottom Right

1	2	3
4	5	
6		7

P-in-P top right

2	
1	

# Signal and Parameter Descriptions

Bracketed signals such as “[signal\_name]” are optional signals

## **DIGITAL INPUTS**

secondary_mode_full_fb_from_dm_module .....	Tie “secondary_mode_full_fb” digital output to this input.
secondary_mode_quad_fb_from_dm_module .....	Tie “secondary_mode_quad_fb” digital output to this input.
secondary_mode_mult9_fb_from_dm_module .....	Tie “secondary_mode_mult9_fb” digital output to this input.
secondary_mode_mult16_fb_from_dm_module .....	Tie “secondary_mode_mult16_fb” digital output to this input.
secondary_mode_mult8+2_fb_from_dm_module .....	Tie “secondary_mode_mult8+2_fb” digital output to this input.
secondary_mode_mult12+1_fb_from_dm_module .....	Tie “secondary_mode_mult12+1_fb” digital output to this input.
secondary_mode_mult4+3_fb_from_dm_module .....	Tie “secondary_mode_mult4+3_fb” digital output to this input.
secondary_mode_pip_top_left_fb_from_dm_module.....	Tie “secondary_mode_pip_top_left_fb” digital output to this input.
secondary_mode_pip_top_right_fb_from_dm_module ...	Tie “secondary_mode_pip_top_right_fb” digital output to this input.
secondary_mode_pip_bottom_left_fb_from_dm_module...	Tie “secondary_mode_pip_bottom_left_fb” digital output to this input.
secondary_mode_pip_bottom_right_fb_from_dm_module...	Tie “secondary_mode_pip_bottom_right_fb” digital output to this input.
secondary_mode_pip4_top_left_fb_from_dm_module....	Tie “secondary_mode_pip4_top_left_fb” digital output to this input.
secondary_mode_pip4_top_right_fb_from_dm_module...	Tie “secondary_mode_pip4_top_right_fb” digital output to this input.
secondary_mode_pip4_bottom_left_fb_from_dm_module...	Tie “secondary_mode_pip4_bottom_left_fb” digital output to this input.
secondary_mode_pip4_bottom_right_fb_from_dm_module...	Tie “secondary_mode_pip4_bottom_right_fb” digital output to this input.
send_camera_to_segment .....	Pulse to send command to change camera in segment.

## **ANALOG INPUTS**

segment_number .....	Value indicating the segment you wish to change the camera in. An example for segment 2 the analog value would be 2d.
camera_number .....	Value indicating the camera you wish to change in the specified segment. An example for camera 2 the analog value would be 2d.

## **SERIAL INPUTS**

This module does not utilize any serial inputs.

**DIGITAL OUTPUTS**

This module does not utilize any digital outputs

**ANALOG OUTPUTS**

This module does not utilize any analog outputs.

**SERIAL OUTPUTS**

dm\_client\_tx\$ ..... Tie to tx of TCP/IP client.

**PARAMETERS**

This module does not utilize any parameters.

# Support

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This module is supported by ControlWorks Consulting, LLC. Should you need support for this module please email [support@controlworks.com](mailto:support@controlworks.com) or call us at 440-449-1100. ControlWorks normal office hours are 9 AM to 5 PM Eastern, Monday through Friday, excluding holidays.

Before calling for support, please ensure that you have loaded and tested operation using the included demonstration program and touchpanel(s) to ensure that you understand the correct operation of the module. It may be difficult for ControlWorks to provide support until the demonstration program is loaded.

Updates, when available, are automatically distributed via Email notification to the address entered when the module was purchased. In addition, updates may be obtained using your username and password at <http://www.thecontrolworks.com/customerlogin.aspx>.

## Distribution Package Contents

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The distribution package for this module should include:

Dedicated_Micros_IP_Module_V3.umc .....	Crestron User Module
Dedicated_Micros_Segment_Camera_Module_V1.umc ... ..	Crestron User Module
Dedicated Micros IP Demo XPanel v3.vtp.....	Demo touchpanel for XPanel
Dedicated Micros IP Demo Program V3.smw .....	Demo program for PRO2 processor
Dedicated_Micros_Segment_Camera_Module_V1_Help.pdf.....	This Help File

## Revision History

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V1 caleb@controlworks.com 2007.04.04

Initial release

### Development Environment

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This module version was developed on the following hardware and software. Different versions of hardware or software may or may not operate properly. If you have questions, please contact us.

<b>Hardware</b>	<b>Firmware Version</b>
Crestron PRO2 Processor	3.155.1143
Dedicated Micros ECO9	4.3
<b>Software</b>	<b>Software Version</b>
Crestron SIMPL Windows	2.08.44
Crestron Vision Tools Pro-e	3.7.2.8
Crestron Database	19.02.005
Crestron Symbol Library	531
Crestron Device Library	531

# ControlWorks Consulting, LLC Module License Agreement

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## Definitions:

*ControlWorks*, *We*, and *Us* refer to ControlWorks Consulting, LLC, with headquarters located at 701 Beta Drive, Suite 22 Mayfield Village, Ohio 44143-2330. *You* and *Dealer* refer to the entity purchasing the module. *Client* and *End User* refer to the person or entity for whom the Crestron hardware is being installed and/or will utilize the installed system. *System* refers to all components described herein as well as other components, services, or utilities required to achieve the functionality described herein. *Module* refers to files required to implement the functionality provided by the module and may include source files with extensions such as UMC, USP, SMW and VTP. *Demo Program* refers to a group of files used to demonstrate the capabilities of the Module, for example a SIMPL Windows program and VisionTools Touchpanel file(s) illustrating the use of the Module but not including the Module. *Software* refers to the Module and the Demo Program.

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We provide limited levels of technical support only for the most recent version of the Module as determined by Us. We do not provide support for previous version of the module, modifications to the module not made by Us, to persons who have not purchased the module from Us. In addition, we may decline to provide support if the Demo Program has not been utilized. We may withdraw a module from sale and discontinue providing support at any time and for any reason, including, for example, if the equipment for which the Module is written is discontinued or substantially modified. The remainder of your rights and obligations pursuant to this license will not be affected should ControlWorks discontinue support for a module.

## Modification of Software

You may not decrypt (if encrypted), reverse engineer, modify, translate, disassemble, or de-compile the Module in whole or part. You may modify the Demo Program. In no event will ControlWorks Consulting, LLC be liable for direct, indirect, incidental or consequential damages resulting from You modifying the Software in any manner.

## Indemnification/Hold Harmless

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