

# Multi-Camera System

VOYAGER® 7" LCD Monitor, Side Body Camera & Rear Camera

An innovative unique three or four camera system, this Rear Observation System eliminates blind spots drivers encounter when on the road. Now your customers can change lanes, pull into traffic and back up safer and with more confidence.



## LCD MONITOR

Features Include: soft-touch backlit controls, on screen display (OSD) menus with user interface, integrated audio speaker, 4 source A/V-Camera inputs, NTSC video output (RCA jack) IR repeated for external navigation control, recessed flush mounting bracket, and much more.

*Power requirements 10V - 32V D.C. All electrical components contained within the monitor housing eliminating the need for any exterior plug-in modules. 7" monitor (AOM7694) Dimensions: 7-3/4" W x 5-1/4" H x 1-3/19" D*

## SIDE BODY CAMERA

Working with our multi-camera monitors, ASA's side body cameras eliminate blind spots on both side of the vehicle. Designed for maximum aerodynamics, the cameras are easily mounted to any flat surface.

*Camera Available in Black & White.  
Dimensions: 2"W x 2"H x 4-1/4"D*

### LEFT

VCCSIDL WT  
VCCSIDL CM  
VCCSIDL GP

### RIGHT

VCCSIDR WT  
VCCSIDR CM  
VCCSIDR GP

### COLOR

White  
Chrome  
Gray Primer (Paintable)



## REAR CAMERA

Features Include: Built-in microphone, LED enhanced low-light performance and image orientation selector switch, locking, water resistant cable connector for durability and long life, non-corrosive mounting bracket, stainless steel hardware

VCCS130 Color Camera in white housing  
VCCS130B Color Camera in black housing  
VBCS150 B/W Camera in white housing  
VBCS150B B/W Camera in black housing  
*Dimensions: 2-11/16" W x 1-5/8" H x 2-1/2" D*



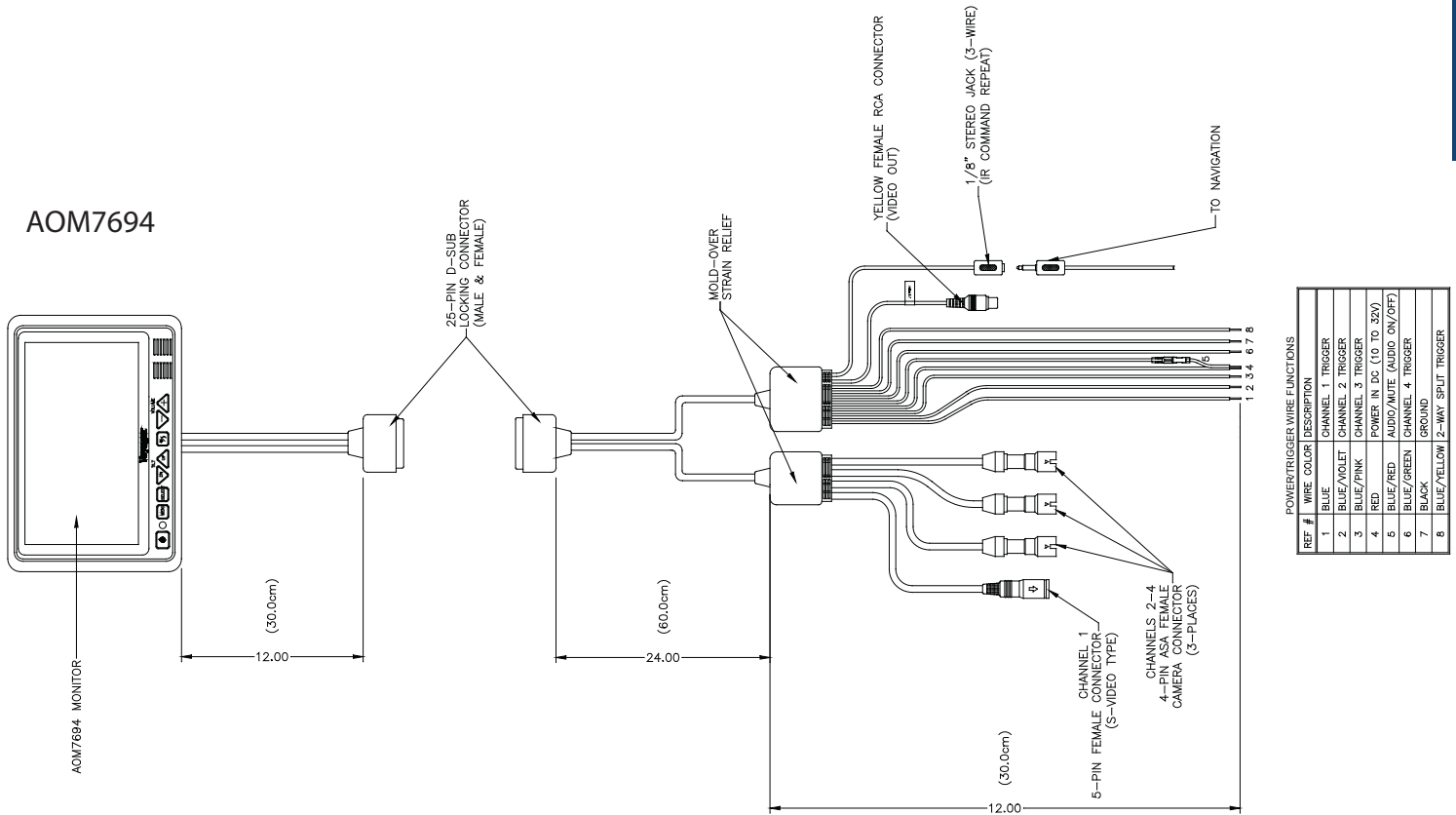
EXPAND your vision

Michael S. Foster

M.S. Foster & Associates, Inc.  
1866 N. Country Lane  
Michigan City, IN 46369  
PHONE: 219-879-9225  
FAX: 219-879-9313  
[www.msfooster.com](http://www.msfooster.com)

# Multi-Camera System

VOYAGER® 7" LCD Monitor, Side Body Camera & Rear Camera



## REAR CAMERA

General Specifications	VCCS130 Color
Image Orientation	Selectable(mirror Default)
Power System	12VDC
Operating Voltage	9.5V to 14V
Current Draw @12V	2.4W
Imager	1/3" CCD
Resolution	20000 pixels
Minimum Illumination	0.1 Lux
<b>View Angles</b>	
Diagonal	130°
Horizontal	104°
Vertical	78°
Operating Temperature	-40°C (-40°F) +85°C (185°F)
Storage Temperature	-40°C (-40°F) +80°C (176°F)
Maximum Humidity	100%
Maximum Vibration	5.5G
Video Output Signal	NTSC (1V p-p)
Audio Output Signal	150mVrms
Outer Dimensions	2-11/16"W x 1-5/8"H x 2-1/2"D

## SIDE BODY CAMERA

<b>Power System</b>	12 V DC	
<b>Operating Voltage Range</b>	Supplied by monitor	
<b>Current Draw @ 12V</b>	Idle	0 mA
	Nominal	.2A
	Maximum	.2A
<b>Operating Temperature Range</b>	-40°C (-40°F)	+85°C (185°F)
<b>Storage Temperature Range</b>	-22°F to 158°F	-30°C to 70°C
<b>Maximum Relative Humidity</b>	100%	
<b>Overall Dimensions</b>	1.2 (W) X 2.2 (D) Cylindrical	
<b>Product Weight (unpacked)</b>	0.25 lbs	
<b>Regulatory Certification(s)</b>	FCC	
<b>Test Specification(s)</b>	ES-0001	

E X P A N D your vision

Michael S. Foster

M.S. Foster & Associates, Inc.  
1866 N. Country Lane  
Michigan City, IN 46369  
PHONE: 219-879-9225  
FAX: 219-879-9313  
www.msfooster.com