

expand your vision

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Voyager observation systems

Table of Contents

PAGE 2



MONITORS

pages 3 & 4



CAMERAS

page 5



CABLES & ADAPTERS

page 6

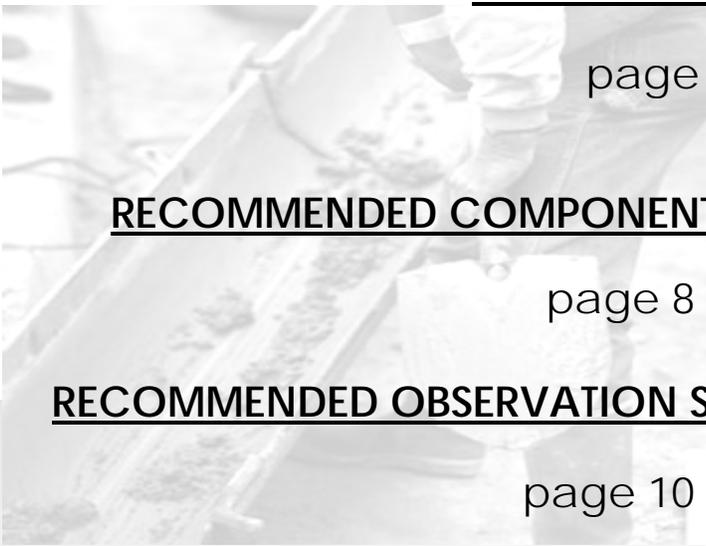


MONITOR MOUNTS

page 6

OBSERVATION KITS

page 7



RECOMMENDED COMPONENT MOUNTING LOCATIONS

page 8 & 9



RECOMMENDED OBSERVATION SYSTEM APPLICATION CHART

page 10 & 11



5" Monitor



VOM58

- 5" B&W CRT high resolution monitor
- Built-in speaker
- 2 Camera inputs
- Backlit soft touch controls
- Day/Night brightness controls
- Reverse trigger

7" Monitor



VOM78

- 7" B&W CRT high resolution monitor
- Built-in speaker
- 2 Camera inputs
- Backlit soft touch controls
- Day/Night brightness controls
- Reverse trigger

VOM78T

Same as VOM78 but with tilt camera control feature (up/down)



VOM783T

- 7" B&W CRT high resolution monitor
- Tilt camera control feature (up/down)
- Built-in speaker
- 3 camera inputs
- Backlit soft touch controls
- Day/night brightness controls
- Reverse trigger plus 2 additional 12V triggers



AOM40MR

- 4" color LCD monitor/mirror assembly
- Transmissive anti-glare mirror
- Hands free cell phone feature
- Universal strap mounting
- Built-in speaker
- Reverse trigger
- 2 camera inputs
- Adapter needed (either 31200004 or 31200005 - Refer to cable page 6)

AOM561CP

- 5.6" Color LCD monitor in center pod
- One camera input
- Easy to mount, one piece center pod
- Housing comes in gray ABS, which can be painted to match any interior



DIMENSIONS: 6 7/8" W X 8" H X 11 7/8" D



**Recommended for use in
Automotive/RV Applications Only**

AOM701

- 7" color flat panel LCD monitor
- 16:9 widescreen format
- No black box installation required
- Flexible mounting capabilities - see brackets on page 6
- Slim line profile
- Built-in speaker
- Backlit color/contrast brightness controls
- NTSC/PAL compatible
- Two camera inputs



**Recommended for use in
Commercial & Heavy Duty Applications**

AOM713WD

- 7" **HEAVY DUTY** color flat panel LCD monitor
- Sealed weather resistant housing
- 12V triggers
- Flexible mounting capabilities - see brackets on page 6
- Slim line profile
- Built-in speaker
- Backlit color/contrast brightness controls
- NTSC/PAL compatible
- Three camera inputs

AOM7694



- 7" color flat panel LCD monitor
- Slim line profile
- Four camera 12V triggers
- Navigation system input - requires 1126810 adapter (see pages 5&6)
- Multiple split screen capabilities, including Quad view/Split-Screen/Picture-in-Picture
- Backlit soft touch controls
- No black box installation required
- Tilt control



#CSW5000Q

**CSW5000Q

- 4 camera switch
- Use with monitor to create quad-view
- L/R & reverse triggers
- Wired remote control
- A/V output
- Capable of rotating camera image: (camera 1 to camera 2, etc.)
- Need (1) 31100014 cable for each camera (refer to cable page 6)

****AOM703 COLOR MONITOR SOLD SEPARATELY -
SHOWN FOR USE OF QUAD SCREEN CAPABILITY**

AOM65MTR

- 6.5" motorized pop-up LCD color monitor
- 16:9 Widescreen Format
- Composite video AV1
- 350 NIT
- Viewing angles: L/R 110 degrees
- 4 video inputs
- RCA input jack
- NTSC or PAL compatible
- Dimensions: 6" W x 3-1/2" H x 1/2" D



VBCS150

- . B/W rear camera
- . 150° viewing angle
- . PAL compatible
- . LED low light assist
- . Waterproof cable connector
- . Mirror/normal image orientation (switchable)
- . White housing



VBCS150B Same as VBCS150, with black housing

VBCS150P Same as VBCS150, and PAL compatible



VCCS130

- . Color rear camera
- . 130° viewing angle
 - . PAL compatible
 - . LED low light assist
- . Waterproof cable connector
- . Mirror/normal image orientation (switchable)
 - . White housing

VCCS130B - Same as VCCS130, with black housing

VCCS130P - Same as VCCS130, and PAL compatible

VCCS130PB - Same as VCCS130, PAL compatible and black housing



- . B/W or color left/right side body cameras
- . 130 ° viewing angel (B/W)
- . 110 ° viewing angel (color)
- . Camera housings—available in white (WT)/chrome (CM)/paintable gray primer (GP)
- . Impact resistant housings

B & W SIDE BODY CAMERA PART NUMBERS

VBCSIDLWT- LEFT SIDE WHITE HOUSING

VBCSIDRWT- RIGHT SIDE WHITE HOUSING

VBCSIDLCM- LEFT SIDE CHROME HOUSING

VBCSIDRCM- RIGHT SIDE CHROME HOUSING

VBCSIDLGP- LEFT SIDE GRAY PRIMER HOUSING

VBCSIDRGP- RIGHT SIDE GRAY PRIMER HOUSING

COLOR SIDE BODY CAMERA PART NUMBERS

VCCSIDLWT- LEFT SIDE WHITE HOUSING

VCCSIDRWT- RIGHT SIDE WHITE HOUSING

VCCSIDLCM- LEFT SIDE CHROME HOUSING

VCCSIDRCM- RIGHT SIDE CHROME HOUSING

VCCSIDLGP- LEFT SIDE GRAY PRIMER HOUSING

VCCSIDRGP- RIGHT SIDE GRAY PRIMER HOUSING

COLOR NORMAL VIEWING CAMERA PART NUMBERS

VCCSIDTNGP - NORMAL VIEW GRAY PRIMER HOUSING TOP LOAD

REPLACEMENT HOUSINGS:

GRAY: SIDHSGGPR

WHITE: SIDHSGWHT

CHROME: SIDHSGCRM

VBCYL15

- . B/W cylinder camera
- . Mirror orientation
- . 130° viewing angle
- . Threaded body design allows camera to be flush mounted virtually anywhere

VCCYL35

- . Color cylinder camera
- . Mirror orientation
- . 110° viewing angle
- . Threaded body design allows camera to be flush mounted virtually anywhere



VBCT130 (B&W) / VCCT130 (COLOR)

- . B/W or color rear camera
- . Two position motorized tilt camera
- . 92° viewing angle
- . LED low light assist
- . Defaults to down position when vehicle is in reverse (12V Trigger)



AOC130XPB (black) AOC130XP (white)

- . High performance color rear camera with black housing
- . 0 Lux—Night vision
- . 130° viewing angle
- . PAL compatible
- . LED low light assist
- . Waterproof cable connector
- . Mirror/normal image orientation (switchable)
- . Available in white housing (AOC130XP)



CABLES for CRT Monitors

- VEC12 - 12' Cable
- VEC24 - 24' Cable
- VEC34 - 34' Cable
- VEC65 - 65' Cable



CABLES for LCD Monitors

- CEC15 - 15' Cable
- CEC25 - 25' Cable
- CEC34 - 34' Cable
- CEC50 - 50' Cable
- CEC75 - 75' Cable



TILT CABLE

VCT655 - 65' 5 pin cable for tilt camera

ADAPTER CABLE

OCA85E - VEC cable to LCD monitor

VOSBHC5FK

Camera cable bulkhead trailer connect kit for use with up to 5 cameras

Kit consists of:

- 1-VOSBHC5M - Male bulkhead connector
- 1-VOSBHC5F - Female bulkhead connector
- 1-2615CL - 15' coiled cable



VOSBHC2K

Camera cable bulkhead trailer connect kit for use with up to 2 cameras

Kit consists of:

- 1-VOSBHC2M - Male bulkhead connector
- 1-VOSBHC2F - Female bulkhead connector
- 1-2615CL - 15' Coiled cable



31200005

Adapter needed for AOM40MR mirror monitor when using **VEC** cables

31200004

Adapter needed for AOM40MR mirror monitor when using **CEC** Cables



31300006

Adapter, camera 4 pin female to RCA connectors with power. Used to tie camera into multi-plexing systems and/or video and digital recorders

31100014

Adapter needed for cables to connect ASA cameras to CSW5000Q Quad switcher



Additional adaptors available to incorporate Voyager monitors into existing systems.

MONITOR MOUNTS



72704 - 4" LCD Monitor mount with thumbscrews



72706 - 6" LCD Double knuckle monitor mount with thumbscrews



1070450 - Overhead drop down bracket for LCD monitor

OBS58 One Camera B/W CRT System

Kit Includes:

- 5" CRT monitor
- B/W camera
- 65' VEC cable



VOSHDBW1 One Camera B/W LCD System

Kit includes:

- 7" LCD monitor with 3 camera inputs
- B/W camera
- 2 - CEC25 ft. camera extension cables
- 4" monitor mount



VOSHDCL1 One Camera Color System

Kit Includes:

- 7" LCD monitor with 3 camera inputs
- Color camera
- 2 - CEC25 ft. camera extension cables
- 4" monitor mount

CREATE YOUR OWN CUSTOM, MULTI-CAMERA SAFETY OBSERVATION SYSTEM





OBSERVATION SYSTEM RECOMMENDED

Vehicle Type	Monitor
Tractor - Trailer (all types)	Dashboard / Overhead
Utility / Lift Trucks	Dashboard / Overhead
Street Sweepers	Dashboard
Emergency Vehicles / Rescue Vehicles	Dashboard
Fire Trucks	Dashboard/Overhead
Ambulances	Dashboard
Tow Trucks	Dashboard
Delivery Vans / Cube Vans / Cut Aways / PDVs	Dashboard
Cement / Ready-Mix Trucks	Dashboard / Overhead
Dump Trucks	Dashboard / Overhead
Refuse Trucks	Dashboard
Refrigerated Trucks / Beverage Trucks	Dashboard / Overhead
Contractor Trucks & Vans	Dashboard
Dry Freight Haulers / Straight Trucks	Dashboard / Overhead
Walk-In / Step Vans	Dashboard / Overhead
Sprinter Vans	Dashboard / Overhead
School Buses/Shuttle / Transit Buses	Dashboard / Overhead
Tanker Trucks (semis)	Dashboard / Overhead
Panel / Stake Trucks	Dashboard
Auto Carriers	Dashboard / Overhead
Spotters / Trailer Jockeys / Tugs (see NOTE "A")	Dashboard
Airport Ground Vehicles (see NOTE "A" and "B")	Dashboard / Overhead
Overhead = (Only recommended if installing LCD Flat-Panel Monitor) Mount in general area where rear view mirror would mount	
CAMERA CODES:	
Left Cab Side = Mount on left side of cab near front wheel well so camera "looks" down left side of truck	
Right Cab Side = Same as for Left Side (option - mount so camera "looks" down at right curbside)	
5th Wheel = Mount on roof of cab so camera "looks" at 5th Wheel (aids when connecting tractor to trailer)	
Rear = Mount on furthest rear area of truck (preferably high as possible) so camera "looks" behind truck	
Telescopic Boom = Mount camera so Cab operator can "see" person in the telescopic boom bucket	
Inside Treatment Area = Mount camera inside treatment area so driver can "observe" paramedic treating patient	
Passenger Area = Mount camera so passenger area can be seen	
NOTES:	
Note "A" = Equipment without cabs (open vehicles) can only use the flat screen LCD monitors which are weatherproof.	
Note "B" = Recommended camera locations for telescopic food service trucks are rear and top front edge of cargo box "looking" forward at aircraft	



COMPONENT MOUNTING LOCATIONS

Recommended Mounting Locations

Single Camera System	Three Camera System
Right Cab Side or Rear	Left Cab Side / Right Cab Side / 5th Wheel
Rear or Telescopic Boom	Rear / Telescopic Boom / Right Cab Side
Right Cab Side	Left Cab Side / Right Cab Side / Rear
Rear or Right Cab Side	Left Cab Side / Right Cab Side / Rear
Rear	Left Cab Side / Right Cab Side / Rear
Rear	Inside Treatment Area / Rear / Right Cab Side
Rear	Left Cab Side / Right Cab Side / Rear
Rear	Left Cab Side / Right Cab Side / Rear
Rear	Left Cab Side / Right Cab Side / Rear
Rear	Left Cab Side / Right Cab Side / Rear
Rear or Right Cab Side	Left Cab Side / Right Cab Side / Rear
Rear or Right Cab Side	Left Cab Side / Right Cab Side / Rear
Rear	Left Cab Side / Right Cab Side / Rear
Rear	Left Cab Side / Right Cab Side / Rear
Rear	Left Cab Side / Right Cab Side / Rear
Rear	Left Cab Side / Right Cab Side / Rear
Rear	Left Cab Side / Right Cab Side / Rear
Rear	Left Cab Side / Right Cab Side / Rear
Rear	Left Cab Side / Right Cab Side / Rear
Rear	Left Cab Side / Passenger Area / Rear
Rear or Right Cab Side	Right Cab Side / Left Cab Side / 5th Wheel
Rear	Left Cab Side / Right Cab Side / Rear
Rear or Right Cab Side	Right Cab Side / Rear / 5th Wheel
Rear	Left Cab Side / Right Cab Side / Rear
Rear	Left Cab Side / Right Cab Side / Rear



RECOMMENDED OBSERVATIO

Vehicle Type

Tractor - Trailer (all types)
Utility / Lift Trucks
Street Sweepers
Emergency Vehicles / Rescue Vehicles
Fire Trucks
Ambulances
Tow Trucks
Delivery Vans / Cube Vans / Cut Aways / PDVs
Cement / Ready-Mix Trucks
Dump Trucks
Refuse Trucks
Refrigerated Trucks / Beverage Trucks
Contractor Trucks & Vans
Dry Freight Haulers / Straight Trucks
Walk-In / Step Vans
Sprinter Vans
School Buses/Shuttle / Transit Buses
Tanker Trucks (semis)
Panel / Stake Trucks
Auto Carriers
Spotters / Trailer "Jockeys" / Tugs (open - no cabs)
Airport Ground Vehicles (open - no cab)
Spotters / Trailer "Jockeys" / Tugs / Airport Ground Veh. (with cabs)



IN SYSTEM APPLICATION CHART

Observation System Choices

CRT	LCD
NO	YES
YES	YES
YES	YES
YES	YES
NO	YES
YES	YES
NO	YES
YES	YES
NO	YES
NO	YES
YES	YES
YES	YES
NO	YES
NO	YES
YES	YES
YES	YES
YES	YES
NO	YES
YES	YES
NO	YES
NO	YES
NO	YES
YES	YES





Since 1977, VOYAGER has designed and built products specifically tested to work in rigorous automotive, recreational vehicle, truck, marine, construction and agricultural applications. As new technology emerges, you can rely on VOYAGER to develop cutting edge solutions engineered to perform demanding conditions with convenience, style and quality.



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