

Voyager[®]

Monitors

7" and 5.6" Heavy Duty LCD Observation Monitors



Full Screen



Split-Screen



Tri-Screen



Quad-Screen

AOM7694HD 7" Heavy Duty Multi-Screen LCD Color Observation Monitor

- 7" Heavy Duty wide format, high performance color LCD Panel
- Aspect Ratio: 16:9
- Camera Inputs: 4
- Contrast Ratio: 300:1
- Screen Capabilities: single, split screen, tri-view, quad-view
- Slimline profile
- Built-in speaker
- Backlit controls
- 12V and 24V system compatible
- NTSC and PAL video signal compatible
- Manual (pushbutton) or automatic (trigger) source selection
- Turn-signal (pulsed DC) compatible trigger inputs (AV2, AV3)
- Auto power on (standby)
- Day/Night brightness modes
- On Screen Display (OSD) for AV source, picture adjustment & volume level
- Anti-glare/Anti-scratch protective lens
- Flush mount and multiple mounting options (AMPS compatible)
- E-Mark certified
- IR Repeater (control of external navigation computer)
- One NTSC video output (RCA)
- Motorized tilt camera compatible (AV1)
- RoHS compliant

AOM713WP 7" Heavy Duty Waterproof LCD Color Observation Monitor



- 7" Wide Format, Heavy Duty Color LCD Panel
- Aspect Ratio: 16:9
- Camera Inputs: 3
- Contrast Ratio: 300:1
- Slimline profile
- Built-in speaker
- Backlit controls
- 12V and 24V system compatible
- Sealed waterproof & dustproof housing (IPx5)
- NTSC and PAL video signal compatible
- Manual (pushbutton) or automatic (trigger) source selection
- Turn-signal (pulsed DC) compatible trigger inputs (AV2, AV3)
- Auto power on (standby)
- Day/Night brightness modes
- On Screen Display (OSD) for AV source, picture adjustment & volume level
- Non-volatile memory for picture and volume adjustment settings
- Anti-glare/Anti-scratch protective lens
- Removable sun-visor included
- Multiple mounting options (AMPS compatible)
- E-Mark certified



AOM562HD 5.6" Heavy Duty LCD Color Observation Monitor

- 5.6" Heavy Duty Color TFT LCD Panel
- Aspect Ratio: 4:3
- Camera Inputs: 2
- Contrast Ratio: 250:1
- Controls: Power on/off, volume +/-, brightness +/-, camera selection
- Triggers: Two 12V
- Built-in speaker
- On screen display menu
- Multiple mounting options (AMPS compatible)
- Injection molded plastic housing
- Monitor Dimensions: 5-7/8"W x 5-1/4"H x 1-1/4"D.

OBSERVATION
SYSTEMS

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EXPAND your vision™

Voyager®

Monitors

7" and 5.6" Heavy Duty LCD Observation Monitors

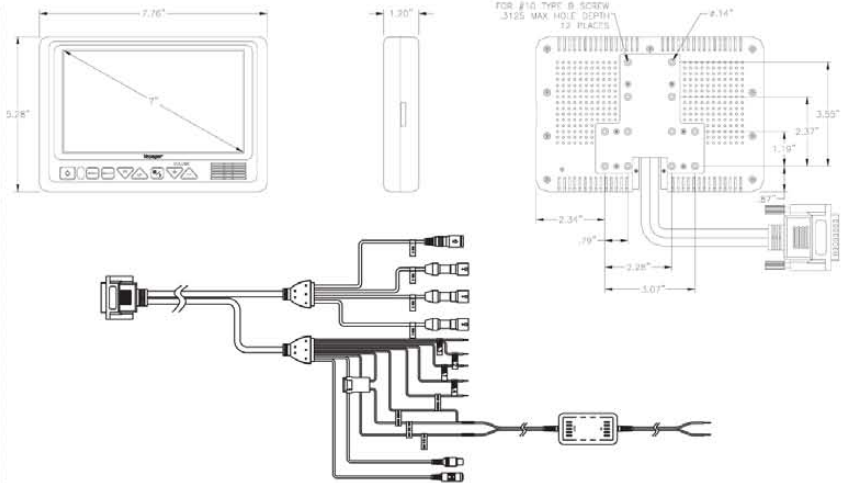
AOM7694HD – 7" Heavy Duty Multi-Screen LCD Color Observation Monitor

General Specifications:

Power System	12/24VDC	
Operating Voltage Range	10V to 32V	
Current Draw @ 12V	Idle	46mA
	Nominal	830mA
	Maximum	902mA
Operating Temperature Range	-4°F to 149°F	-20°C to 65°C
Storage Temperature Range	-40°F to 176°F	-35°C to 80°C
Maximum Relative Humidity	95%	
Overall Dimensions	7 3/4"W x 5 1/4"H x 1 1/16"D	
Product Weight (unpackaged)	2.8lbs	

Performance Specifications:

Video / Display System	NTSC/PAL		
Video Input Signal (Composite)	1V P-P		
Audio Output	1W		
LCD Specifications	Diagonal Size	7.0"	
	Resolution	1440(W) x 234(H); 336,960 pixels	
	Brightness	500 nit	
	Contrast Ratio	300:1	
	View Angles	Top	50° min
		Bottom	70° min
		Left	70° min
		Right	70° min
	Display Format	16:9	
	Response Time	Rise	12ms
		Fall	18ms
Backlight Type	CCFL		
Backlight Life	10,000 Hours		



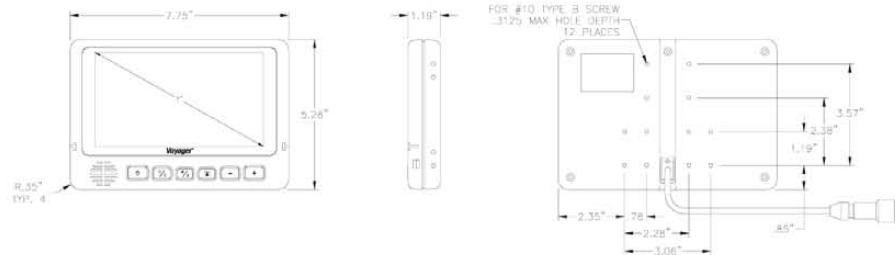
AOM713WP – 7" Heavy Duty Waterproof LCD Color Observation Monitor

General Specifications:

Power System	12/24V DC	
Operating Voltage Range	10V to 32V	
Current Draw @ 12V	Idle	64mA
	Nominal	718mA
	Maximum	1.04A
Operating Temperature Range	-4°F to 149°F	-20°C to 65°C
Storage Temperature Range	-40°F to 176°F	-35°C to 80°C
Maximum Relative Humidity	95%	
Overall Dimensions	7 3/4"W x 5 1/4"H x 1 1/16"D	
Product Weight (unpackaged)	2.8lbs	

Performance Specifications:

Video / Display System	NTSC/PAL		
Video Input Signal (Composite)	1V P-P		
Audio Output	1W		
LCD Specifications	Diagonal Size	7.0"	
	Resolution	1440(W) x 234(H); 336,960 pixels	
	Brightness	500 nit	
	Contrast Ratio	300:1	
	View Angles	Top	50° min
		Bottom	70° min
		Left	70° min
		Right	70° min
	Display Format	16:9	
	Response Time	Rise	12ms
		Fall	18ms
Backlight Type	CCFL		
Backlight Life	10,000 Hours		



AOM562HD – 5.6" Heavy Duty LCD Color Observation Monitor

General Specifications:

Power System	12VDC	
Operating Voltage Range	10V to 16V	
Current Draw @ 12V	Idle	12mA
	Nominal	640mA
	Maximum	810mA
Operating Temperature Range	32°F to 140°F	0°C to 60°C
Storage Temperature Range	-13°F to 140°F	-25°C to 60°C
Maximum Relative Humidity	100%	
Overall Dimensions	5.87"W x 5.24"H x 1.22"D	
Product Weight (unpackaged)	1lb	

Performance Specifications:

Video / Display System	NTSC		
Video Input Signal (Composite)	1V P-P		
LCD Specifications	Diagonal Size	5.6"	
	Resolution	960(W) x 234(H)	
	Brightness	500 nit	
	Contrast Ratio	250:1	
	View Angles	Top	30°
		Bottom	50°
		Left	50°
		Right	50°
	Display Format	4:3	
	Response Time	Rise	30ms
		Fall	40ms

