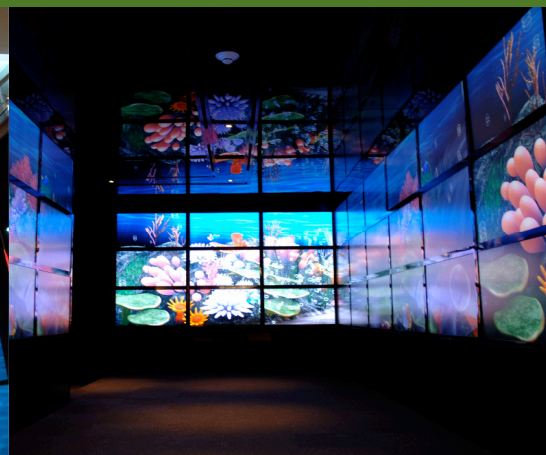




# ALM Series



# ALM Series

## STANDARD FEATURES

- **Burn-In Prevention** for long term static images with built in filters and fans cool down the display for commercial use
- **ACS** (Auto Cooling System) automated heat sensors and 4 fans operate only when needed for quieter operation while maintaining optimal temperature
- **ABS** (Auto Brightness Control) Ambient light sensors detect and adjust panel brightness for optimal viewing
- **APT** (Auto Power Timer) Automated timer allows scheduling
- **ON/OFF** and **SLEEP** modes
- **DFK**(Disable Function Keys)The keys on the front of the panel can be disabled to protect from faulty command
- **HRO** (Hot Run Operation) automatic Hot Run feature powers on the display when AC power is detected
- **SCTS** (Setting for Color Temperature for Studio) Color Temperature for Installation on broadcast sets or studios can be set at 3000°K, 3200°K 3400°K and 3800°K.

## OPTIONAL FEATURES

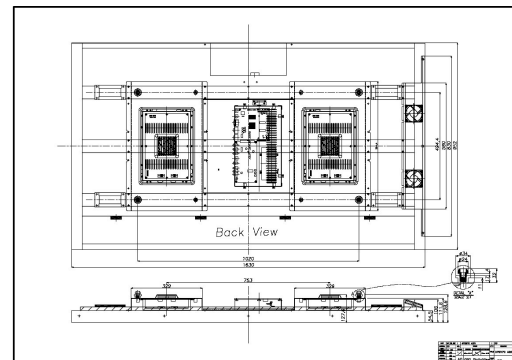
- **ASER**(Automatic Status & Error Report) Automatic status updates and error messages are sent through RS232C
- **QVC** (Quad View Controller) Up to Displays 4-inputs simultaneously
- **AMP**(Adaptive Multimedia Player) Optional PC & USB inputs
- **RTC** (Real Time Clock) Accurate Timer for accurate control of Auto-On & Off, Sleep Timer
- **ADCL**(Analog to Digital Conversion for Looping) Component signal is converted to DVI digital signal for multi display(Video wall) looping for superior alignment color adjustment
- **NDS** (No Dismantle For Service) Customized swing out mount allows for easy installation and service
- **RFRC** ( Radio Frequency Remote Controller ) Control monitor can be used from any location
- **SMO** (Schedule Management Option) Three scenarios per day and seven days a week for a total of 21 ON/OFF and Input schedule Non-volatile memory works with RTC for accurate timing. Status reports are sent to RS232C to control external devices accordingly

## ACCESSORIES

- Protective glass
- Decorative bezel
- Custom mounts and swing out mounts

## MVS (MULTI-VISION CONTROL)

- Single and/or multiple images controlled by built in processor for video wall application
- User friendly control program supplied
- Multiple languages



Model	40"	46"	52"	57"	70"	82"
Panel	SAMSUNG DID Commercial Grade Panel					
	Narrow Bezel			Standard Bezel		
Display Size	40" (16:9)	46" (16:9)	52" (16:9)	57" (16:9)	70" (16:9)	82" (16:9)
Dimension	35.9"x 20.6"x2.3"	42.6"x24.7"x2.0		52.3"x30.1"x2.5"	64.2"x37.5"x3.2"	73.9"x42.6"x33.3"
Power Consumption	240W	280W	350W	480W	800W	1000W
Response Time	8 ms (Typ G to G)					
Operational Temperature	0°C ~30°C					
Pixel Size	0.648(H) 0.648(V) RGB	0.7455(H) 0.7455(V) RGB	0.6 (H) 0.6 (V) RGB	0.65175 0.65175 RGB	0.807 0.807 RGB	0.9405 0.9405 RGB
Resolution	1366 x 768		1920 x 1080 (WUXGA)			
Colors	8 bit, 16.7M Colors					
Brightness	700cd/m <sup>2</sup>	700cd/m <sup>2</sup>	500cd/m <sup>2</sup> (Typ)	600cd/m <sup>2</sup> (Typ)		
Contrast ratio	2000:1	2000:1	1200:1	1500:1	1200:1	
View Angle	Hor. 178° / Ver. 178° (1)					
Surface Treatment	Hard coating(3H), Haze 40%					
Input	Composite	CVBS AV In (75 ohms 0.7/1.0 Vp-p) CVBS, 1port/ BNC				
	Component	Y-Pb-Pr DTV In (75 ohms , 0.7Vp-p), 1 Port/BNC				
	PC-Analog	DSUB In (Analog : 75 ohms ±10%, 0.7Vp-p ±5%) 1 port				
	HDMI-I	Single channel Type A Receptacle, Female, 1port				
	SICP	D-SUB 9 Pin(RS232C), Female, 1 port				
Output	Composite	CVBS AV In (75 ohms 0.7/1.0 Vp-p) CVBS, 1port/ BNC				
	Component	Y-Pb-Pr DTV In (75 ohms , 0.7Vp-p), 1 Port/BNC				
	HDMI-I	Single channel Type A Receptacle, Male, 1port				
	Speaker Out	10Wx2 Channel Speaker (8 ohms)				
	Optical Out	Digital Sound (Optional)				
	SICP	D-SUB 9 Pin(RS232C) Male, 1port				
	DV	Analog to Digital for Looping (Optional)				
Signal Spec.	PC-Analog	HF: 20 ~ 80 kHz/ VF: 55 ~ 75 Hz/1920x1080 60Hz Max./ Max. pixel rate : 162 MHz, SOG sync support				
	Digital PC / HDMI	HF: 20 ~ 80 kHz/ VF: 55 ~ 75 Hz/1920x1080 60Hz Max./ Max. pixel rate : 162 MHz, HDCP				
	CVBS, S-Video	NTSC/PAL				
	Component	480i/480P, 576i/576P, 720P, 1080i/1080p				
AC Power	Max.	90~130[VAC]				
	Min.	180~240[VAC]				

## DISPLAY MODES

- Picture-In-Picture
- Picture-On-Picture



- Six display modes



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