

Mobile Display Monitor

SMF-0XX0 Series

SMF-0XX0A - SMF-0XX0H Series

5, 7 10" Multi Channel Display Monitor



Onboard Monitor

Installation and Set-Up Manual

The compact lightweight displays allow drivers to safely monitor important areas either inside or outside their vehicle.



1 - Caution

1. Do not attempt your own maintenance. If something does not seem right turn the monitor off and consult your installation company. The monitor is composed of multiple electrical components that could be damaged or broken if the casing is opened invalidating the warrantee.
2. Do not expose the monitor to direct sunlight, high humidity, dust, steam oil or smoke.
3. When maintaining the monitor wipe the monitor with a soft cloth, do not use thinners or other chemical cleaning agents.
4. Do not expose the monitor to excessive heat or cold, operating the monitor outside the permissible range of 0°C to 40°C is likely to cause damage and result in a poorer performance.
5. Only use specified adapters power sources and battery packs.
6. For your safety, elongating the monitors life and to save energy turn the power off when not in use and unplug the adapter.
7. Avoid dropping monitor or subjecting it to a strong impact.

2 - Basic Operation

1. Connect the power and switch the monitor on. The red “stand-by” indicator will turn green “working”.
2. Press “X” button or AUTO to switch to PAC/AV/TV mode.
3. Connect the video cable connector(s).
4. Press the “MENU” button to adjust: Brightness, Contrast ratio, Sharpness and Saturation. Factory default 50.
 - i. Picture adjustment: auto, horizontal, vertical, phase, clock.
 - ii. Languages: English, etc...
5. Volume button to adjust.

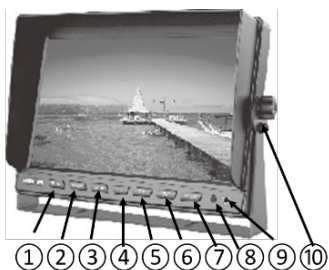
3 - Function Buttons

The buttons on your monitor control various settings and functions, allowing you to adjust the display, navigate menus, and power the monitor on or off.



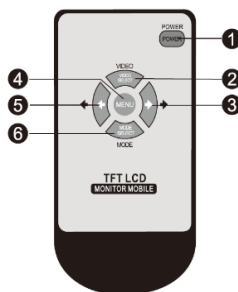
5" Monitors

1. Channel Select
2. Menu
3. Power
4. Decrease
5. Increase
6. R/C Window
7. AV In



7 & 10" Monitors

1. Increase
2. Menu
3. Decrease
4. Power
5. Channel 1
6. Channel 2
7. Mode
8. R/C Window
9. A/V input Connector
10. Bracket Mounting points



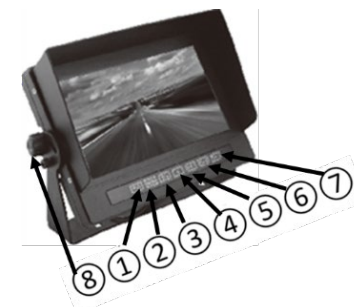
Remote Control

1. Power
2. Channel Select
3. Increase
4. Menu
5. Decrease
6. Mode Select



7" Touch Button

1. Decrease
2. Menu
3. Increase
4. Power
5. Channel 1
6. Channel 2
7. Channel 3
8. RC Window
9. A/V input Connector
10. Bracket Mounting points
11. Dinner sensor window

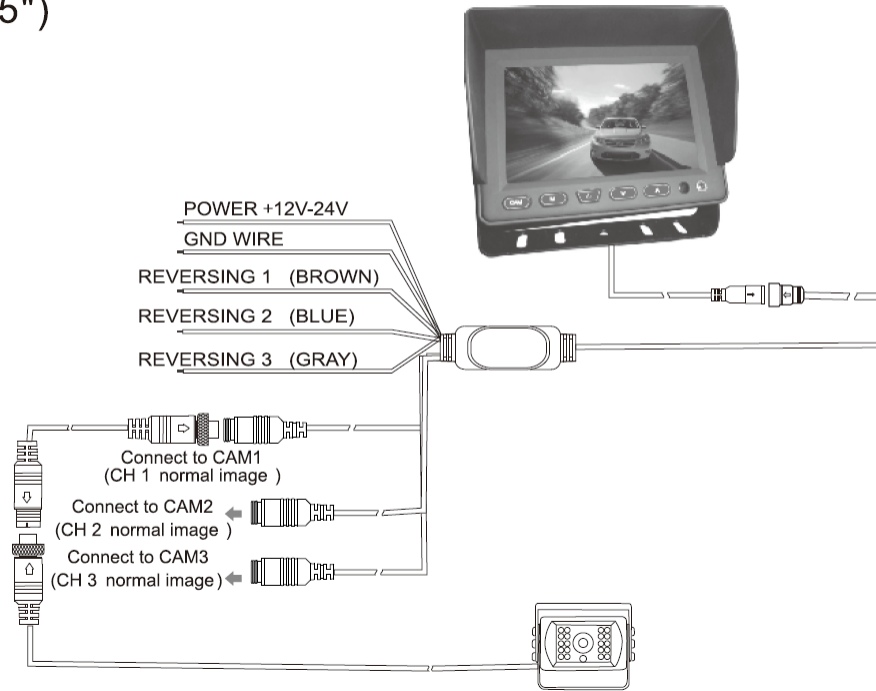


7" Waterproof

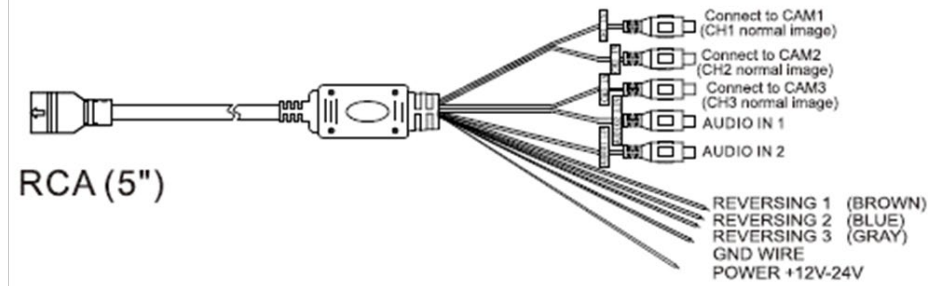
1. Increase
2. Menu
3. Decrease
4. Power
5. Channel 1
6. Channel 2
7. Channel 3
8. Bracket Mounting points

4 - Connectivity

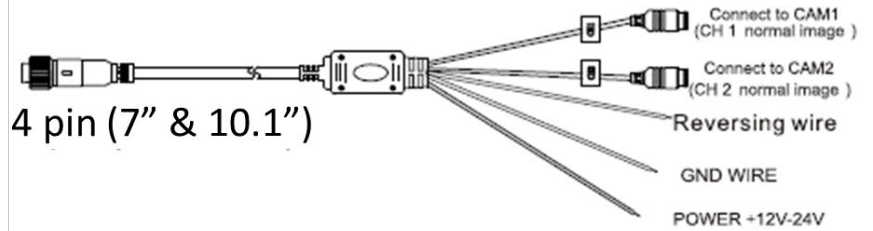
4 pin (5")



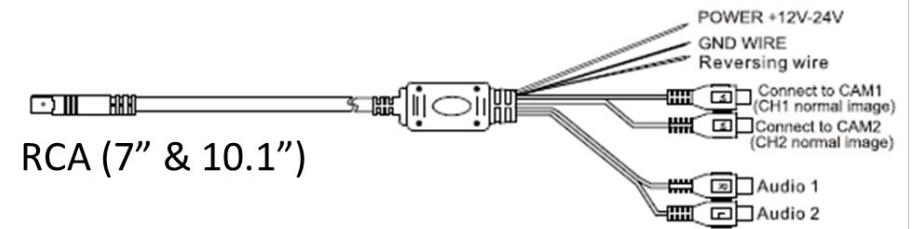
RCA (5")



4 pin (7" & 10.1")



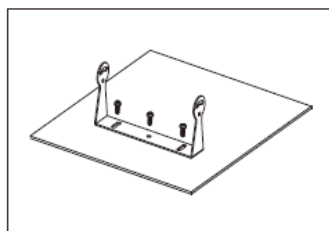
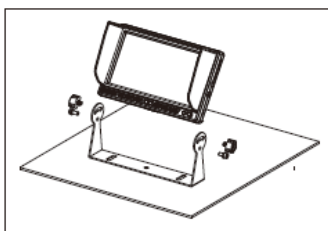
RCA (7" & 10.1")



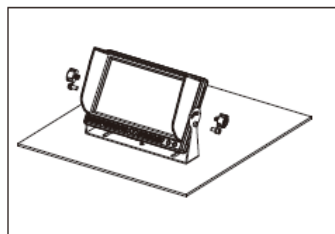
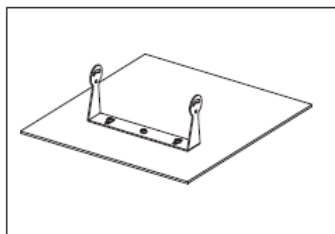
5 - Installation

U Bracket Monitor Mount Installation

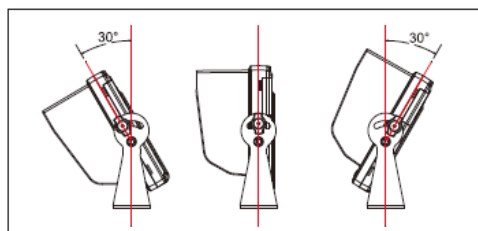
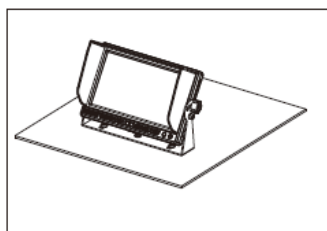
1. Remove the screws on the side of the monitor.
2. Place the “U” shaped bracket in the location ready for installation. Prepare the 3 mounting holes and screws. (See Below)



3. Lock the bracket in place using the 3 screws.
4. Put the monitor into the bracket, adjust the angle and lock into place. (See Below)

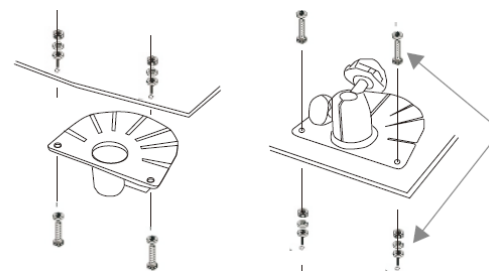


5. Complete the installation.
6. Adjust the monitor between the angles 30° forward and 30° backwards. (See Below)

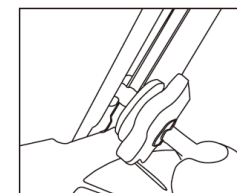
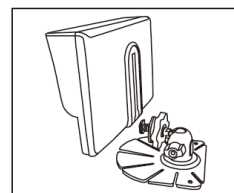


Desk Monitor Mount Installation (Optional)

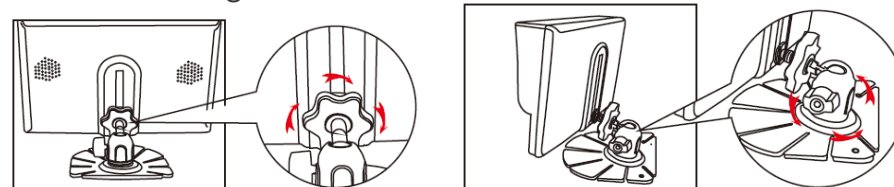
1. Fix the desk mounting screws with the fan shaped bracket to the mounting location. (See Below)



2. Put the metal buckle piece on the top of the fan-shaped bracket into the notch at the back of the monitor. (See Below)
3. Move the bracket to the proper location. (See Below)









4. Fix the 6-starred screw to the bracket until the monitor is tight. (See Below)
5. If the user wishes to change the direction/angle of the monitor, firstly loosen the “wing” screw on the side of the bracket. The tighten when in the new location. (See Below)



6 - Specifications

	SMF-0530 Series	SMF-0730 Series	SMF-10XX Series
LCD size	5"	7"	10.1"
Resolution	800(H) x 480(V) 3(RGB) & 1080P (AHD Option) 25fps	1024 * 600 (RGB)	1024 x 600 (RGB)
Contrast	500:1	500:1	450:1 CVBS / 500:1 AHD
Maximum Brightness	300cd/m2 LED / 500 cd/m2 (AHD)	450cd/m2	250 cd/m2 CVBS / 400 cd/m2 (AHD)
Response Time	10-15ms		
Start-up time	2 sec	2 sec	3 sec CVBS / 2 sec AHD
Viewing Angle	Hor. L(85) R(85) Ver. UP(85) DOWN(85)		
Video Compatibility	PAL / NTSC auto-switching		
Video Input	3-Channel Supporting	3-Channel Supporting	2-Channel CVBS / 3-Channel AHD Supporting
Video Compatibility	CVBS (AHD option)	1080P, 720P, 960H, CVBS Mixed	CVBS / AHD (1080P, 720P, 960H, CVBS Mixed)
Video Display	Full Screen (Single image), Trigger switching		
Aspect Ratio	16:9		
Number of Speakers	1 x built-in	1 x built-in (730/A & HT only)	1 x built-in
Audio Inputs	2 x One-way input Ch1 & Ch2	2 x One-way input Ch1 & Ch2 (730/A & HT only)	2 x One-way input CBVS / 1 x One-way AHD
Speaker output	32W * 2W		32W * 2W CVBS / 32W AHD
Mute	Available		
Volume Control	± Power On/Off (button and remote control can adjustable)		
OSD Controls	Contrast, Brightness, Colour, Volume, Multi-Languages, Image display, reversing delay, image mode, system setting, Mirror (Up/down/left/right)		
Remote Control	Full-functional		
Video Connections	RCA / 4pin connector		
Mounting Bracket	Yes, U-shaped made of metal		
Power input	12-24V DC		
Power Consumption	5W (500mA) / 3W AHD Option	500mA	<7W (550mA) CVBS / <4W (500mA) AHD
Shockproof level	4G		
Operating Temperature	-20°C - +70°C, RH85%		-10°C - +60°C, RH70% CVBS / -20°C - +70°C, RH85% AHD
Storage Temperature	-30°C - +85°C, RH85%		-20°C - +70°C, RH70% CVBS / -20°C - +70°C, RH85%, AHD
Materials	Plastic & With Black Rubber Painted		
Weight	878.6g (monitor and accessories)	1.0Kg (Net), 1.1kg (Gross)	1.53kg (gross weight)
Dimensions (W x H x D) incl U shape bracket	170 x 120 x 63 mm	207 x 134 x 74.39 mm (730/A & HT) / 208 x 153 x 68mm (730/WH)	285 x 183.6 x 74 mm
IP68	(SMF-0730/WH option only)		

6 - Accessories

1.Remote control*1 PCS	2.User manual*1PCS
	
Power cable 1 PCS(optional)	
	
4.Sun shade*1 PCS	5.Bracket Accessories*1 PCS
	

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