Onboard 5", & 10.1" Mobile Quad Display Monitor installation and setup manual

This compact lightweight three channel display allows drivers to safely monitor important areas either inside or outside their vehicle.

SMQ-0XX0A -SMQ-0XX0H Series

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 us thinners of 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, Contract ratio, Sharpness and Saturation. Factory default 50.
        i. Picture adjustment: auto, horizontal, vertical, phase, clock.
        ii. Languages: English, etc...
    5. Volume button to adjust.

2) FUNCTION BUTTONS

5" Monitors
1) Display Mode
2) Menu
3) Power
4) Decrease
5) Increase
6) R/C Window
7) Bracket Mounting points

①②③④⑤⑥⑦
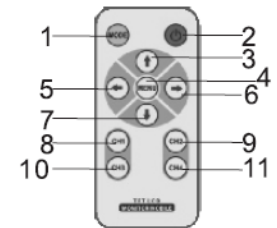
10" Monitors
1. Menu
2. Channel 1
3. Channel 2
4. Power
5. Channel 1
6. Channel 2
7. Mode
8. R/C Window
9. Bracket Mounting point

①②③④⑤⑥⑦⑧⑨

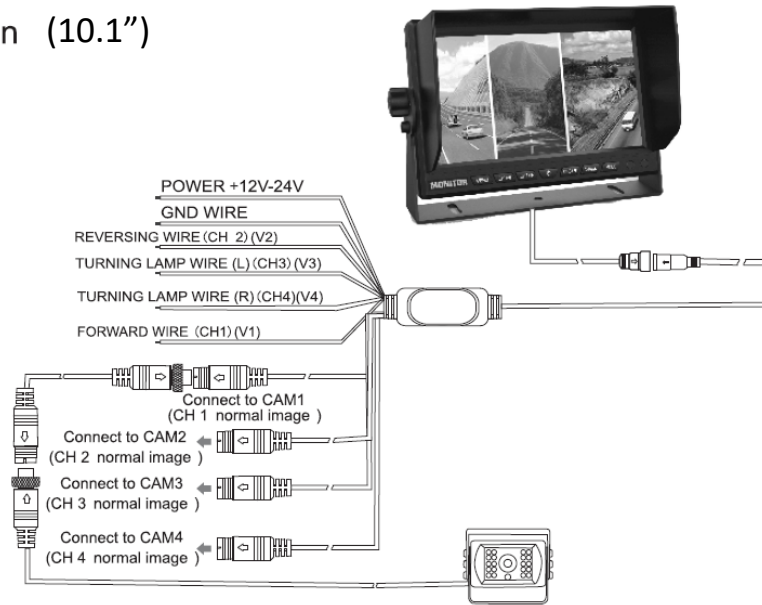### REMOTE CONTROL
1) Mode
2) Power
3) Up
4) Menu
5) Left
6) Right
7) Down
8) Ch1
9) Ch2
10) Ch3
11) Ch4

CONNECTIVITY

4 pin (10.1")

POWER +12V-24V
GND WIRE
REVERSING WIRE (CH 2) (V2)
TURNING LAMP WIRE (L) (CH3) (V3)
TURNING LAMP WIRE (R) (CH4)(V4)
FORWARD WIRE (CH1) (V1)

Connect to CAM1
(CH 1 normal image)
Connect to CAM2
(CH 2 normal image)
Connect to CAM3
(CH 3 normal image)
Connect to CAM4
(CH 4 normal image)

MONITOR

RCA (10.1")

Connect to CAM1
(CH1 normal image)
Connect to CAM2
(CH2 normal image)
Connect to CAM3
(CH3 normal image)
Connect to CAM4
(CH4normal image)
Audio

FORWARD WIRE (CH 1) (V1)
TURNING LAMP WIRE (R) (CH 4) (V4)
TURNING LAMP WIRE (L) (CH 3) (V3)
REVERSING WIRE (CH 2) (V2)
GND WIRE
POWER +12V-24V

4 pin (5")

Connect to CAM1
(CH 1 normal image)
Connect to CAM2
(CH 2 normal image)
Connect to CAM3
(CH 3 normal image)
Connect to CAM3
(CH 4 normal image)

FORWARD WIRE (CH 1) (V1)
TURNING LAMP WIRE (R) (CH 4) (V4)
TURNING LAMP WIRE (L) (CH 3) (V3)
REVERSING WIRE (CH 2) (V2)
GND WIRE

RCA(5")

Connect to CAM1
(CH1 normal image)
Connect to CAM2
(CH2 normal image)
Connect to CAM3
(CH3 normal image)
Connect to CAM4
(CH4normal image)
Audio

FORWARD WIRE (CH 1) (V1)
TURNING LAMP WIRE (R) (CH 4) (V4)
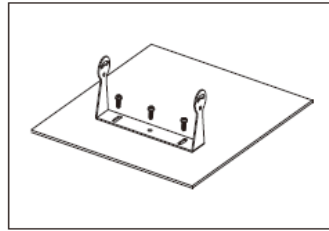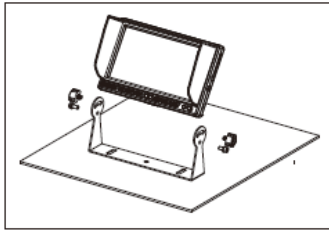TURNING LAMP WIRE (L) (CH 3) (V3)
REVERSING WIRE (CH 2) (V2)
GND WIRE
POWER +12V-24V

U BRACKET MONITOR MOUNT INSTALLATION

5. Remove the screws on the side of the monitor.
6. 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)
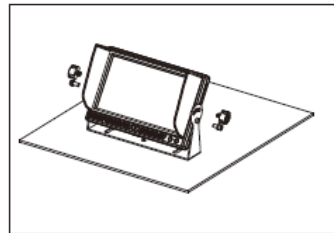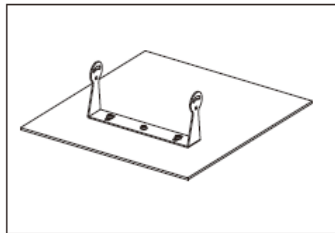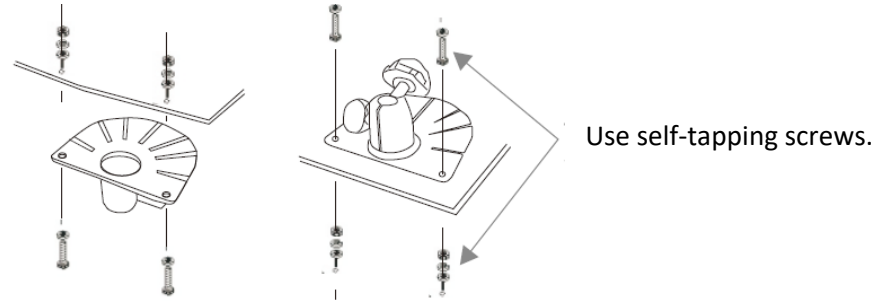

1. Complete the installation.
2. Adjust the monitor between the angels 30° forward and 30° backwards. (See Below)
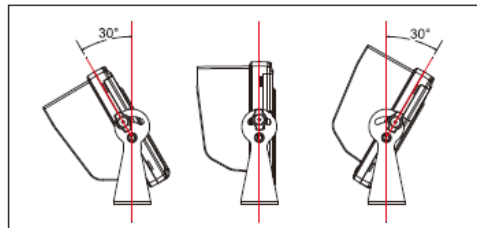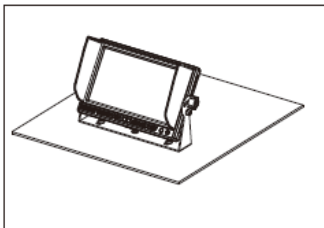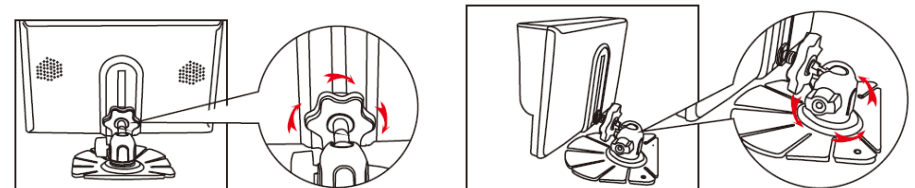

DESK MONITOR MOUNT INSTALLATION (OPTIONAL)

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

Use self-tapping screws.

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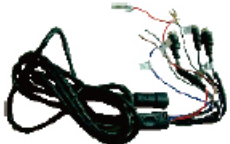3. Move the bracket to the proper location. (See Below)
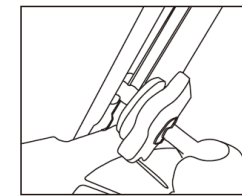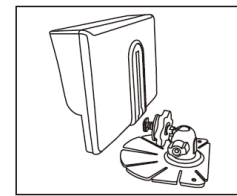
4. Fix the 6-stared screw to the bracket until the monitor is tight. (See Below)
5. If the user wishes to change the direction/angle of the monitor, firstly loosen the "wing" screw on the side of the bracket. The tighten when in the new location. (See Below)

stortech
Components and CCTV Specialist

SPECIFICATION

	SMQ-0540/A	SMQ-1020/H
LCD size	5"	10.1"
Resolution	800(H) x 480(V) 3(RGB)	1024 * 600 (RGB)
Contrast	500:1	500:1
Maximum Brightness	300cd/m2 LED	450cd/m2
Response Time	10-15ms	10-15ms
Start-up time	3 sec	5 sec
Viewing Angle	Hor. L(70) R(70) Ver. UP(50) Down(70)	UP—85°, DOWN—85°, LEFT—85°, RIGHT—85°
Video Compatibility	Yes	Yes
Video Input	4-Channel Supporting	4-Channel Supporting
Video Compatibility	PAL / NTSC auto-switching	PAL / NTSC auto-switching 1080P, 720P, 960H, CVBS
Video Display	Quad, Dual, Full Screen (Single image), Trigger Switchable, Reversing	Quad and Full Screen (Single image)
Aspect Ratio	16:9	16:9
Number of Speakers	1 x built-in	1 x built-in
Audio Inputs	1 x One-way input Ch2	1 x One-way input Ch1
Speaker output	32W * 1W	32W * 1W
Mute	Available	Available
Volume Control	± Power On/Off (adjustable)	± Power On/Off (remote control and button adjustable)
OSD Controls	Contrast, Brightness, Multi-Languages	Image setting, Parking Guideline, Trigger Delay, Language, Flip, Auto-dimming, Volume
Remote Control	Full-functional	Full-functional
Video Connections	RCA / 4pin connector	RCA / 4pin connector
Mounting Bracket	Yes, U-shaped made of metal	Yes, U-shaped made of metal
Power input	12 – 24V DC	12 – 24V D - C<9W (750mA)
Power Consumption	1 x DC in	1 x DC in
Shockproof level	4G	4G
Operating Temperature	-20°C - +70°C, RH70%	-20°C - +70°C, RH70%
Storage Temperature	-30°C - +80°C, RH70%	-30°C - +85°C, RH70%
Materials	Plastic & With Black Rubber Painted	Plastic & With Black Rubber Painted
Weight	867.6g with accessories	0.3Kg (Net), 0.75kg (Gross) 1.6kg monitor with accessories
Dimensions (W x H x D)	141x103x25 mm	180 x 121 x 24 mm

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

UK CA CE

stortech | Components and CCTV specialist