ViewZ®

5.6" Multi-function Monitor

User’s Manual

Please read this Manual carefully before use of this product, and keep it handy for future reference.

I. Packing List …….. 2

II. Product Appearance……... 3-5

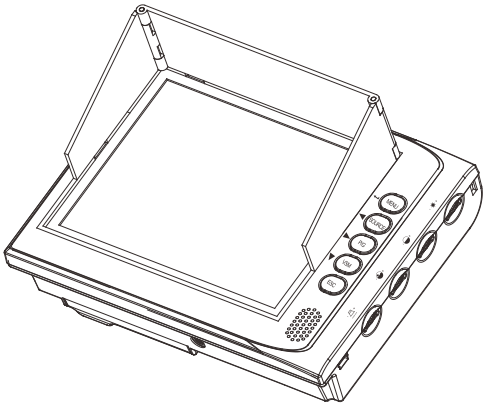
III. Product Operation…….. 6-8

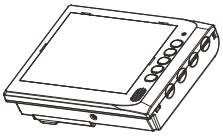
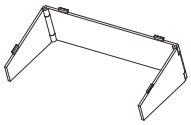
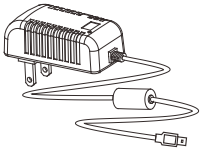
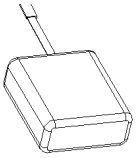
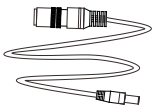
IV. Screen Display……... 9-10

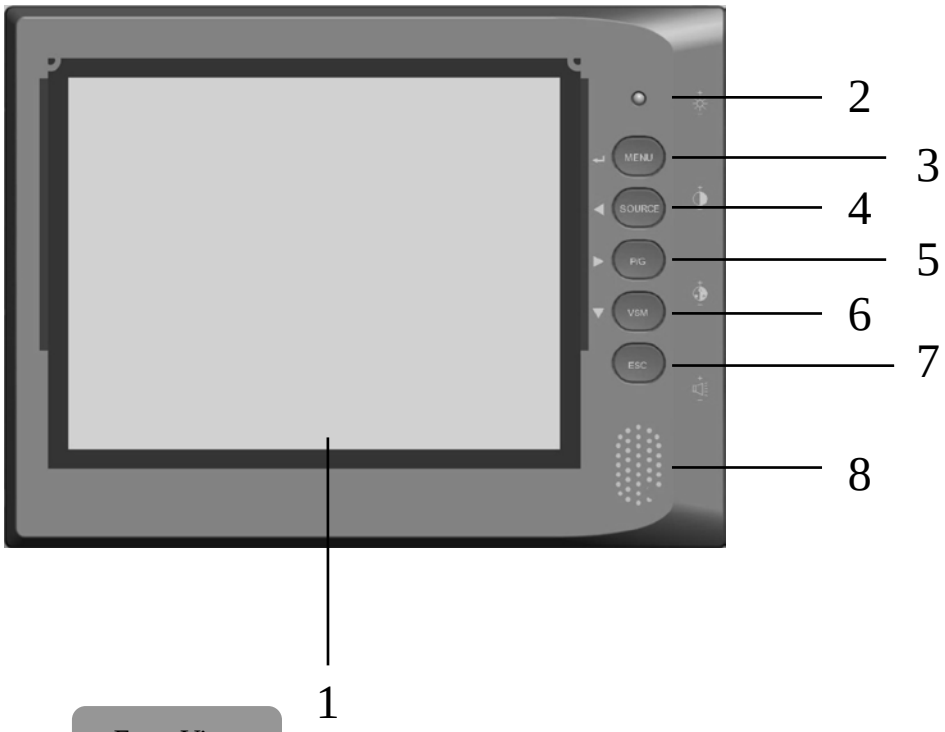
V. List of Supported Display Modes…….. 11

VI. Technical Parameters……. 12

VII. Troubleshooting…….13

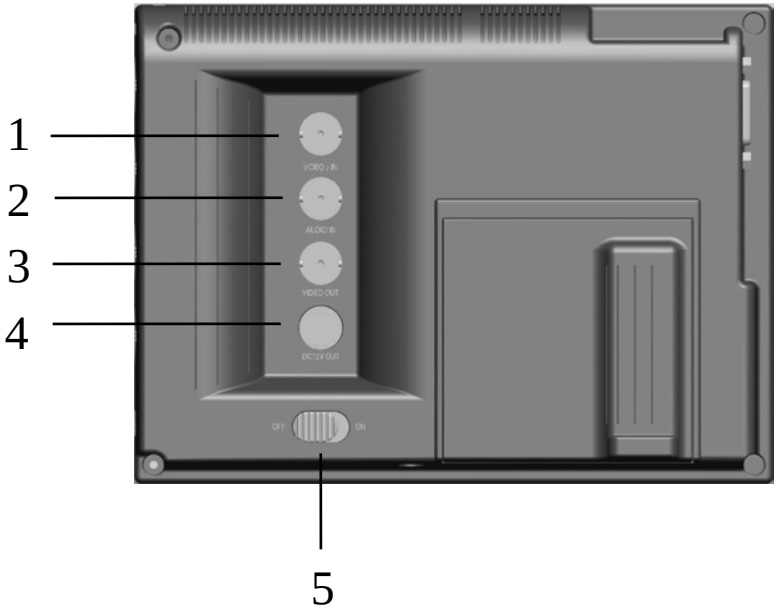


		
5.6" multifunction monitor × 1 pc	Sun visor × 1 pc	Power adapter × 1pc
		
Rechargeable Lithium Battery ×1pc	12V power output cable ×1pc	User’s Manual × 1 pc

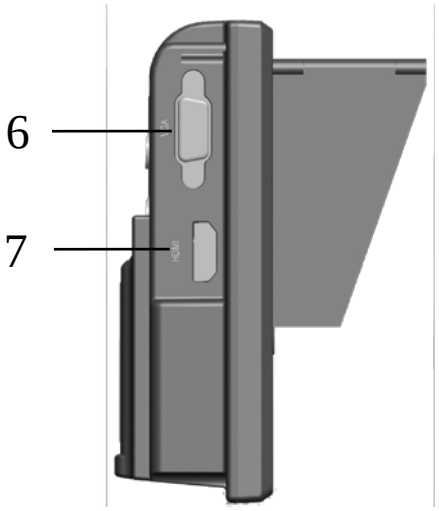


Front View

1	5.6 " LCD panel (adopting tempered glass cover).
2	LED indicator.
3	MEMU Key: The main menu key, acting as the Enter Key during menu operation.
4	SOURCE Key: With the function of signal channel switching, acting as the Left Selection Key during menu operation.
5	P/G Key: With the function of color bar signal output built in this device, acting as the Right Selection Key during menu operation. （It differs for different product models while this model only has the Right Selection function.）
6	VSM Key: With the function of display of signal intensity and other information, acting as the Down Selection Key during menu operation.
7	ESC Key: exit and return to previous menu.
8	Speaker

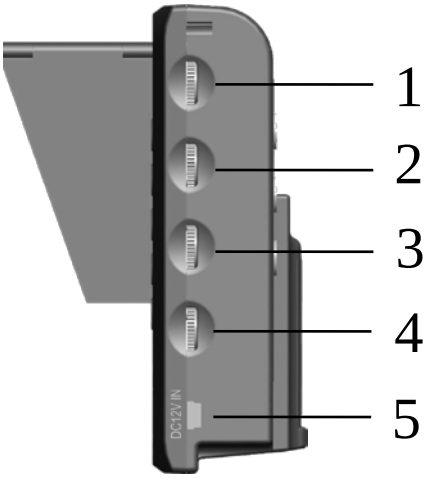


Rear View

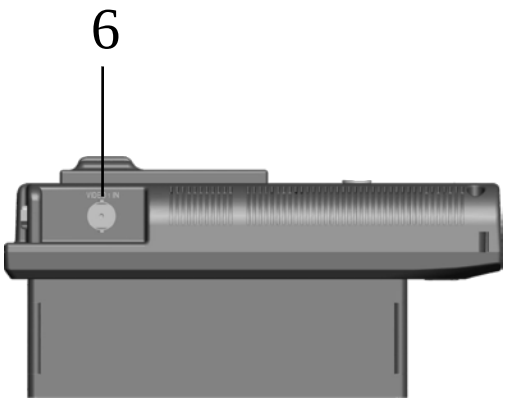


Left Side View

1	AHD Input Interface
2	TVI Input Interface
3	Audio Input Interface
4	DC12V --1A Output Interface
5	Power switch. The product can work properly only when the switch is turned “ON”.
6	VGA signal input interface.
7	HDMI signal input interface.

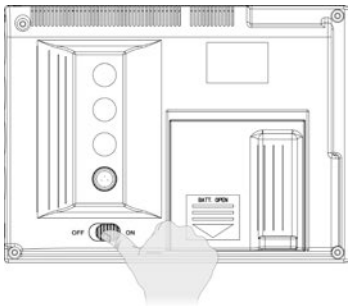


Right Side View

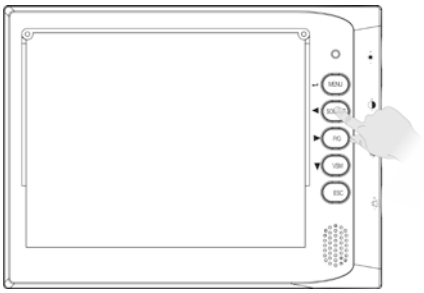


Top View

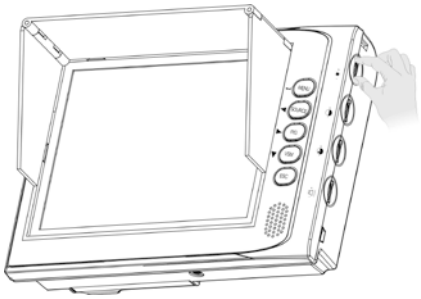
1	Picture brightness adjusting knob: turn it upwards to increase the brightness, and turn it downwards to decrease the brightness.
2	Picture contrast adjusting knob: turn it upwards to increase the contrast, and turn it downwards to decrease the contrast.
3	Picture saturation adjusting knob: turn it upwards to increase the saturation, and turn it downwards to decrease the saturation.
4	Volume adjusting knob: turn it upwards to increase the volume, and turn it downwards to decrease the volume.
5	DC12V-1500MA power input interface.
6	Video Input Interface



Step 1: Turn the power switch “ON”, the LED indicator stays on in green and the device is working properly.

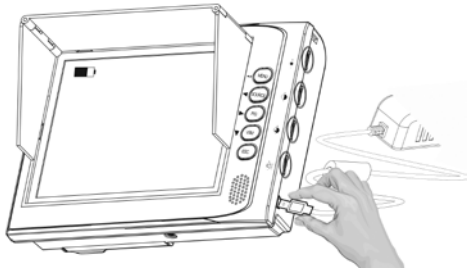


Step 2: According to the current signal access mode, press “SOURCE” on the right side of panel to select the corresponding signal channel.



Step 3: Use the keys on the front panel and the knobs on the right side to adjust the picture display effects to meet individual needs.

Charge and Discharge



Connect the DC12V-1500mA charger from the accessories according to the figure shown, and connect to the AC power.

Battery Test

Having plugged into the power supply, it comes into charging status when LED light indicates red; The battery is fully charged when the LED light indicates green, It indicates that the battery is abnormal or no battery available when the LED indicator flashes red.

When the battery is charged normally

► The status of LED indicator: The red light is on when the battery level is less than 100% (The charging status icon is displayed on the top left corner if the screen is on)

► The status of LED indicator: The green light is on when the battery level is up to 100% (fully-charged) (Fully-charged icon is displayed on the top left corner if the screen is on.)

★ The device could be charged by your PC with 5V USB port in case of emergency, but be sure of closing the screen displaying while charging with PC.

DC12V output

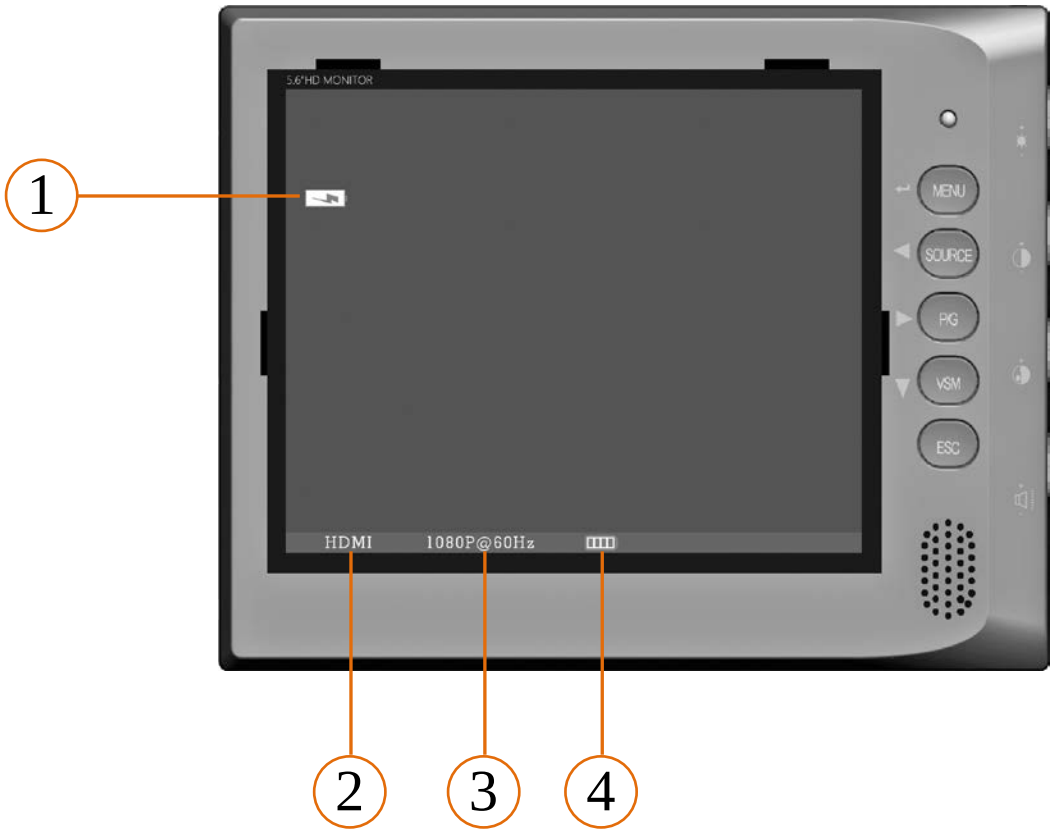
► The device is designed with sophisticated protection circuit and the output current 1000mA is supplied by the output port DC 12V. If the instantaneous high load current is generated by the shorted load or reversing connection the anode and cathode, the protection circuit would cut off the output voltage and the output DC 12V couldn't restart after the load is disconnected; the DC12V output and the protection circuit will not be available again until the device restarted.

► Pull out and re-plug the battery or charging the device with external power supply to make the battery exit the protection status if the device couldn't start due to battery protection circuit acting before the output protection supply does when the output current 12V increases slowly.

Other Precautions

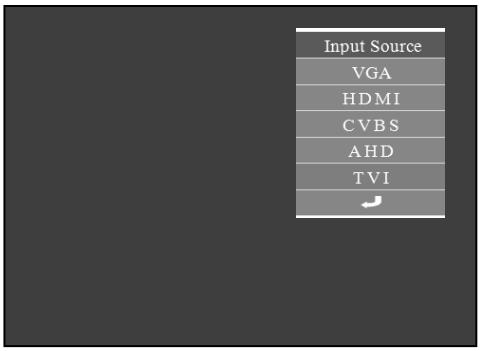
► This product is designed with the overheating protection function during charging and discharging of the battery; it is set that the circuit protection will be enabled when the internal temperature of the product is over 62 °C, and turn off the device. The protection can be removed by replacing the battery with a new one; it can be removed only when the temperature of the temperature sensing component on the circuit board returns to normal.

► This product is designed with the battery over-discharge protection function; it is set that the circuit protection will be enabled when the working current of the product exceeds 6000mA, at which moment the device cannot be turned on to work properly. Pull out and re-plug the battery or charge the device with external power supply to make the battery exit the protection status.



Information Display on the Screen

1	Battery charging icon.
2	Information of signal channel .
3	Resolution.
4	Battery level icon.

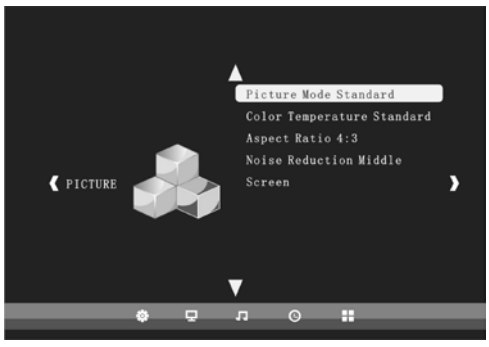


This interface may be slightly different from the real one, depending on the product model.

Signal Selection Menu

Operation method: Press the “SOURCE” key, and the signal channel selection interface will appear on the screen as shown in the figure on the left. Press the “SOURCE” key again, and the yellow cursor will move down to the next signal channel; stay on this channel for about 1 second, and the screen will display the signal channel where this cursor stays.

VGA indicates the input channel of PC signals.
HDMI indicates theinput channel of high definition DVD signals.
CVBS indicates the input channel of analog CVBS camera
AHD indicates the input channel of AHD camera
TVI indicates the input channel of TVI camera

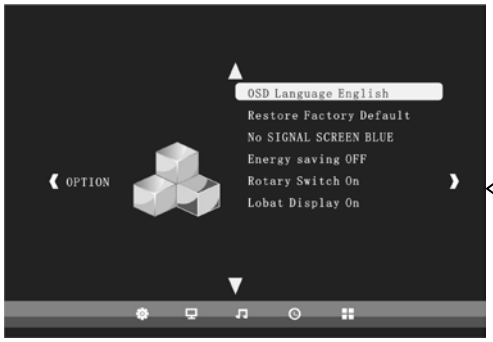


This interface may be slightly different from the real one due to product upgrading.

Main Menu (Picture)

Operation method: Press the “MENU” key, and the main menu interface will appear on the screen as shown in the figure on the left. Press the “SOURCE” key and “P/G” key to select submenus leftwards and rightwards; press the “VSM” key to select submenus downwards in a cyclic way; press the “MENU” key again to confirm the current selected submenu. Press the “ESC” key to go back level by level and exit the menu.

Picture Mode: Four modes are optional, namely, “Standard”, “Dynamic”, “User”, and “Soft”.
Color temperature: Four modes are optional, namely, “Standard”, “Cold”, “User”, and “Warm”.
Aspect Ratio: Three modes are optional, namely, “Auto”, “16:9”, and “4:3”.
Noise Reduction: Four modes are optional, namely, “High”, “Middle”, “Low”, and “Off”.
Screen: The option for adjustment of the position of display screen in the PC mode.



This interface may be slightly different from the real one due to product upgrading.

Main Menu (Settings)

Operation method: Press the “MENU” key, and the main menu interface will appear on the screen as shown in the figure on the left. Press the “SOURCE” key and “P/G” key to select submenus leftwards and rightwards; press the “VSM” key to select submenus downwards in a cyclic way; press the “MENU” key again to confirm the current selected submenu. Press the “ESC” key to go back level by level and exit the menu.

OSD Language: Multiple languages are optional such as “Chinese” and “English”.

Restore Factory Default: Restore all adjusted parameters to factory default.

No Signal Screen: Color setting of screen display when the current channel has no signal input. Two colors are optional, namely, “Blue” and “Black”.

Energy Saving: The screen can enter sleep mode automatically when the current channel has no signal input; this function can be disabled or enabled here.

Rotary Switch: Select to turn on or off the brightness, contrast and saturation adjusting knobs.

Lobat Display: When the battery icon has only one bar left, the prompt of low battery will appear on the screen; this function can be disabled or enabled here.

Signal types	PC	HDMI	TVI	AHD	AV
Supported formats	640*480	480I	720P 25Hz	720P 25Hz	PAL
	800*600	576I	720P 30Hz	720P 30Hz	NTSC
	1024*768	720P 50Hz	1080P 25Hz	1080P 25Hz	SECAM
	1280*1024	720P 60Hz	1080P 30Hz	1080P 30Hz	
	1366*768	1080I 50Hz			
	1440*900	1080I 60Hz			
	1400*1050	1080P 50Hz			
	1600*1200	1080P 60Hz			
	1680*1050				
	1920*1080				

Product name	5.6 inch HD LCD Monitor	
LCD panel	Display area	112.896 (H) ×84.672 (V) mm
	Display ratio	4:3
	Backlight	LED
	Resolution	640×480
	Brightness	200cd/㎡
	Contrast ratio	500:1
	Response time	10ms
	Dot pitch	0.0588 (H) ×0.1764 (V) mm
	Viewing angle	Top/bottom/left/right: 70°/50°/70°/70°
Signal interface	Composite video signal	1 BNC input;
	VGA signal	1 input
	HDMI signal	1 input
	AHD signal	1 input
	TVI signal	1 input
	Audio signal	1 BNC input
Control mode	Rotary knob control	Supported
	Button control	Supported
Power supply	Input	100-240V～50/60Hz 0.5A max-DC12V~1.5A
	Output	DC12V-~1500mA
	Working voltage of battery	DC3.7V—4.2V
	Maximum power	6W
Operating environment	Temperature	0～40℃
	Humidity	5～80%RH
Other information	Product weight	1KG
	Product dimension	168mm×126mm×81.2mm (length × height × thickness) (including sun visor)

Before asking for maintenance, please check the information in this section to see if the problem can be solved by yourself; if necessary, please contact our After-sales Service Center or the distributor.

Problem	Possible cause	Solution
The device cannot be turned on	The battery is used up.	Recharge the battery or install a fully charged battery.
	The AC charger is not properly connected with the DC power connector.	Make sure the AC charger is properly connected with the DC power connector.
	The power switch is not powered on.	Turn the power switch “ON”
	There is no video signal input.	Make sure video signal input is normal.
The device suddenly shuts down	The battery is used up.	Recharge the battery or install a fully charged battery.
	The AC power charger or the DC power connector is disconnected.	Make sure the AC charger is properly connected with the DC power connector.
The battery runs out quickly	The battery is too cold.	Warm the battery by putting it in the pocket or other warm places; then install the battery in the device before immediate use.
	The battery has been charged for numerous times.	The service life of the battery is expired; please purchase a new battery.
The charging speed is low	The temperature is too low.	Charge the battery at room temperature.
The charging indicator indicates normal charging, but the battery is not being charged	The battery has been charged for numerous times.	The service life of the battery is expired; please purchase a new battery.
There is no display signal	There is no video signal input.	Check if the front-end equipment generating video signals works normally.
	The input signal line is incorrectly connected.	Check if the interface at the signal input end and the SOURCE channel settings are correct; please refer to the operation section in the User’s Manual for details.
	The AV input line 1 is in poor contact.	Check if the AV input line 1 interface is in poor contact and if there is looseness.
There is interference against picture display	The video signal transmission line is severely interfered with.	Place an external signal amplifier at the video input end or appropriately shorten the video signal transmission line.