



AV MOUNTING SOLUTIONS

WR-17GT
Motorized
retractable monitor

User manual



Screen size: 17.3 inch

Signal input: HDMI, VGA

Tilt angle: 0-30 degree, adjustable

Touch function: optional

1. Listing.Shape and Panel Key Description

1.1 Packing list

No.	Name	QTY
1	LIFT SYSTEM	1PCS
2	POWER CABLE	1PCS
3	RS485 CABLE	1PCS
4	USER MANUAL	1PCS

1.2 Panel key Functions

No.	English	Button show
1	STOP	●
2	UP	▲
3	DOWN	▼
4	FORCF(adjust angle)	↻
5	BACK(adjust angle)	↶

1.3 Interface board features(from left to right)



FIG1 surface

1.3.1 HDMI Video signal input.

1.3.2 VGA Video signal input.

1.3.3 USB input, up for USB put, down for the touch screen control card interface

1.3.4 RS485 control input(1,2,5)

1.3.5 RS485 control input(When cluster control)

1.3.6 ANT, Remote control receiver antenna (315MHz) 。

1.3.7 Standby button interface: PC SW computer open button. SA SW signal switching key.

1.3.8 AC220-240V Power input socket

1.4 Control Introduction:

1.4.1 RS485 Software Control: 9 holes interface with the computer serial port.
232/485 intermediate bridge converter.



FIG2 connector (female)

1.4.2 Control Button: (Please see Panel Key function, Red means light power indicator)



FIG 4 Panel control button

1.4.3 Screen button function: (Pls see the 7 point, screen menu to adjust the guide)



FIG5 Screen Button

“Menu” menu button,

“Auto” Automatic adjustment key,

“▲” Variable increment key,

“▼” Variable reduced key,

“⏻” Screen Power Switch button。

“LED” Power indicator (Red means no have signal, Green means have signal)

1.4.4 Sub Button function:

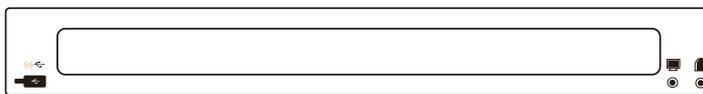


FIG6 Sub panel button and USB

PC SW, SA SW Spare custom button for customer, and spare USB port for customer to use, it match as the connector board USB.

2. Features and Major Technical Indicator

2.1 Structure Features

The part of screen Lift is adopt bilateral synchronous belt wheel with linear

optical axis transmission and low noise and stable structure. Angle tilt of part is drive independently, can adjust from 0 to 30 degrees. Screen frame is adopt pure aluminum with tempered glass front and rear, high-end atmosphere. And product is adopt desktop embedded design, can achieve seamless hidden with desktop.

2.2 : Major Technical Indicator

2.2.1. LIFT Technical Data (Sheet 1)

No.	Name	Date
1	Working Voltage frequency	AC220-240V 50/60Hz
2	Consumed power	<60W
3	single-working time	18S
4	Elevation angle	≤30°
5	Product weight	22Kg

2.2.2 Screen Technical Data (Sheet 2)

No.	Name	Date
1	Signal Type	eDp
2	Display Size	17.3
3	Resolution	1920*1080
4	Aspect Ratio	16:9
5	Contrast	1000:1
6	Brightness	250
7	Viewing angle	80/80/80/80
8	Video signal mode	VGA/HDMI (Automatic Identification)

3. Structural dimensions and installation instructions:

3.1 Size of structure figure.

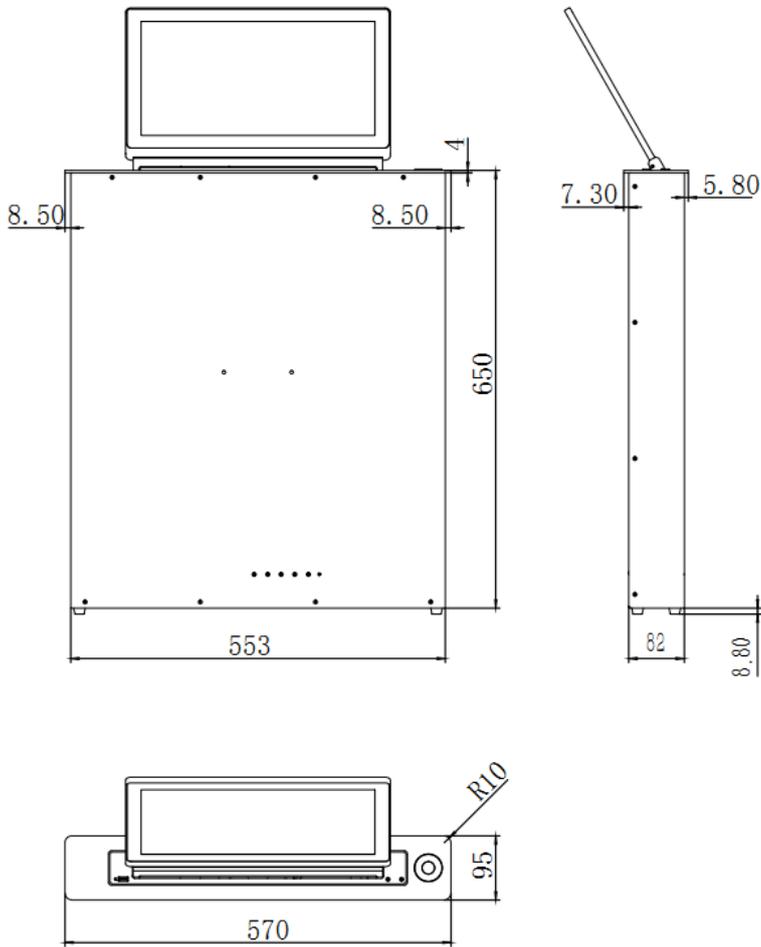


FIG 7 Size of structure figure.

3.2 User installed out-cut size figure.

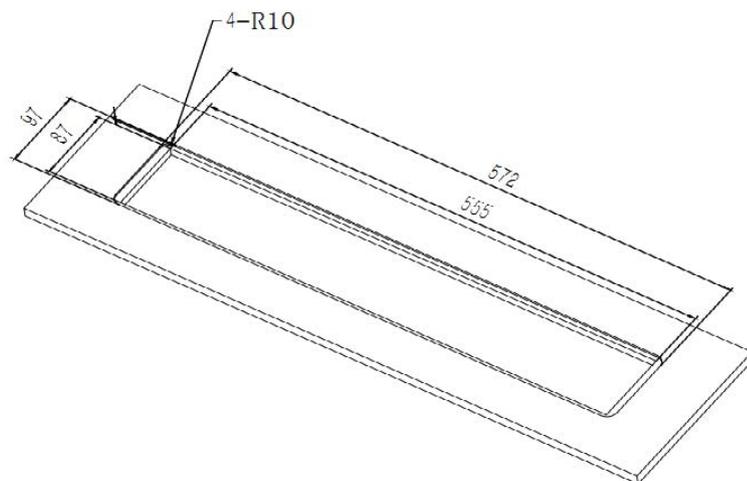


FIG8 OUT-CUT SIZE

3.3 Installation Notes:

- 3.3.1 Before operation, please remove two "transport fixing screws" on the cover and clean the inside of the clamshell door foam filler.
- 3.3.2 The lifter embedded inside the opening, panel flush with the desktop.
- 3.3.3 Video Signal connector Cable (VGA or HDMI or DVI)
- 3.3.4 Connect the touch USB Cable(not need to connect the touch USB cable if without touch function)
- 3.3.5 If need Central-controlled system, please connect the control line RS485.
- 3.3.6 Connected the antenna with antenna base together
- 3.3.7 Turn on AC220V power supply, panel indicator is light, press UP key to complete the automatic elevation, the screen lights up, and then you can adjust the angle within 30 degrees.

4. Technical data:

4.1 HEX system controlling code (Sheet 4)

All up	FF AC E1 FF 00 00 DD 01 DC
All stop	FF AC E1 FF 00 00 CD 01 CC
All down	FF AC E1 FF 00 00 ED 01 EC
All forward tilt	FF AC E1 FF 00 00 1D 01 1C
All back tilt	FF AC E1 FF 00 00 2D 01 2C

- 4.1.1 Computer software control
- 4.1.2 Download "Multifunctional lifting equipment Control Center" control software from the company's official website.
- 4.1.3 Prepare a RS232-485 or USB-RS485 protocol converter.
- 4.1.4 Uses Windows XP systems to install the software.
- 4.1.5 Connect the LIFT equipment.
- 4.1.6 According to the software that comes with help files, you can use to operate.

5. Solutions of screen common problems:

Common failure analysis (Sheet 5)

No.	Fault phenomenon	Analysis reason
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5.1	Display is blank	<ul style="list-style-type: none"> ·Power switch is turned off? ·Signal source is interrupted?
5.2	Blurred characters	<ul style="list-style-type: none"> · Is match with the resolution of the computer? <p>Contrast and brightness adjustments are correct?</p>
5.3	Black Screen	<ul style="list-style-type: none"> ·No signal may be turned off automatically Brightness? <p>Brightness adjustment if adjust to the minimum?</p> <ul style="list-style-type: none"> ·Long press "Auto" key may cause shutdown, the LED turns red.

6. Solutions of Lift common problems:

6.1 All machine no power, light does not shine:

Pry the Insurance cover of power to check the fuse if damage? If so, please change specifications 3.15A fuse.

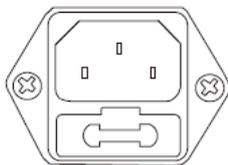


FIG 10 Location of fuse socket GB

6.2 The control circuit board Common trouble diagnosis method:

- 6.2.1 Pls check the power supply socket "L" and "N" (between the circuit board of the LT3 terminal) resistance is about 1.1K or so, which is normal, if deviate from this range ,it has the problem.
- 6.2.2 Indicator light does not shine, the key is invalid, but computer control normal: may be key board cable transport from strong vibration caused by poor contact.
- 6.2.3 Circuit boards 12V abnormal, check L7812 if it's damage.
- 6.2.4 Circuit boards 5V abnormal, check L7805 if it's damage.
- 6.2.5 Up limit switch belong pulse level control, after the pulse remains stopped. But the display power required to maintain the state of shading for photoelectric control.
- 6.2.6 Down limit switch belong to low pause control, continued to decline at a high level. Therefore, photoelectric control gobo stop during descent should remain light shielding state.