HoverCam

CenterStage 6510
User Manual

CONTENTS

SECURITY WARNING

- You should follow the manufacturer's instructions and use the manufacturer's recommended installation accessories when you install the CenterStage.
- Please use this product's standard power cable.
- To avoid electric shock, the back cover should not be opened by a non-professional maintenance staff member.
- Before operation, please ensure compatibility between the local voltage value and the CenterStage's rated voltage value. If the monitor will not be used for an extended period of time, the user should remove the plug from the power socket.
- Please use three-prong power supply sockets and make sure the ground wire is well connected.
- Do not install or put the machine in places with high heat sources such as hot stoves, heat-transfer tubes, power amplifiers, sources of direct light, dust, high humidity and places with mechanical vibration. In order to achieve optimal performance, please keep the monitor away from high voltage distribution networks, large metal objects, radar stations etc.
- If an abnormal sound or smell arises, turn off the power supply and unplug the device immediately. Stop using it and ask professional staff to resolve the problems until the problems are fixed.
- Avoid exposure to liquids and metals. If any liquid or metal falls into the machine, please shutdown the monitor and cut off the power supply immediately. Contact professional maintenance personnel to repair.
- Do not use chemical reagent to wipe the machine; solvent may cause deterioration or damage to the paint surface. To clean, disconnect the power supply and wipe it with a cloth if there is dust or dirt.
- Do not power off/power on the CenterStage frequently in a short amount of time as it may affect the lifetime of the screen. After normal shutdown, please wait about three minutes or longer to reboot your CenterStage.
- In order to extend the service life of the screen, please do not set display brightness and contrast to the maximum value for extended periods of time.
- To avoid product damage, do not place the CenterStage on an unstable stand, bracket, or table.
- Take caution when moving the CenterStage to avoid being hit, squeezed etc. Special attention should be taken in regards to the touch screen area to avoid causing damage.
- The wall mounting installation is best compatible in normal cement walls, solid walls and wood walls that can support three times the weight or more of the CenterStage. Please ensure good ventilation conditions. For mounting on special walls (such as: steel structure wall, hollow structure, glass, marble, etc.), it is recommended to evaluate the force bearing limits of the wall first in case of emergency.
- Avoid exposing the CenterStage to direct sunlight, as direct sunlight will accelerate the interactive touch monitor's aging and may cause the abnormalities of the touch device.
- To avoid screen damage, do not use hard objects to write on the touch screen monitor.

Bearing Security Warning

The mounting bracket should use the rack or mount designated by the manufacturer. If the mounting bracket is not from the manufacturer, the bearing capacity should be ensured and not less than 4 times that of its actual bearing weight. The bearing capacity of the supporting disk bearing the rack should not be less than 4 times of its actual bearing weight.

The mounting surface bearing the CenterStage should be firm with enough bearing capacity. This capacity should not be less than 4 times that of the actual bearing weight. When the mounting surface is the wall or rooftop of a building, it must be solid brick, concrete or other strength equivalent. If the mounting surface is made of loose materials (old building brick wall, loose wood, solid brick wall etc.), metal or non-metal structures, a decoration layer, or if the mounting surface is too thick, the strength of the surface, corresponding reinforcement and support measures should be taken into account to avoid safety hazards.

Lifting Security Warning

Do not attempt to lift your CenterStage by yourself. To ensure security and avoid product damage, it's recommended to have at least two (2) people when handling and moving the CenterStage.
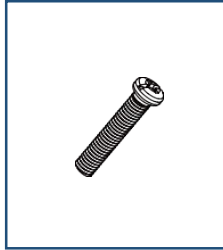
WALL MOUNTS
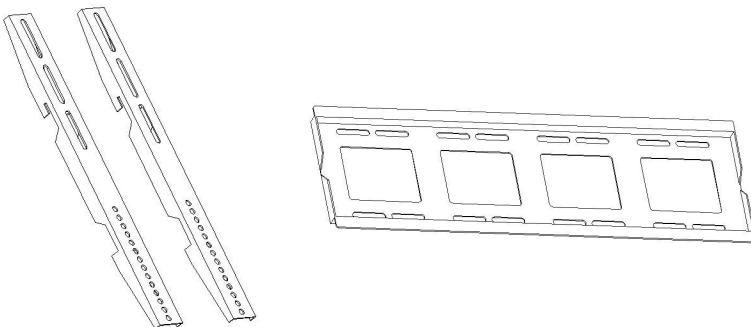
For support please contact:
support@thehovercam.com | 866-201-2056
www.thehovercam.com
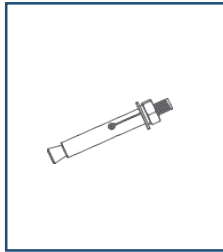
ACCESSORIES

User Manual/
Warranty Card

M8 Screws

Power Cable

Touch Screen Stylus
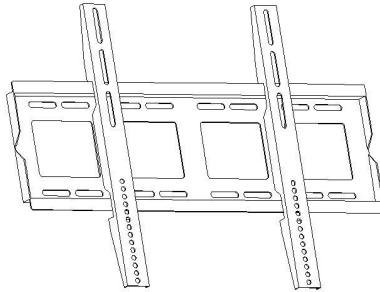(x2)

Extended Screws

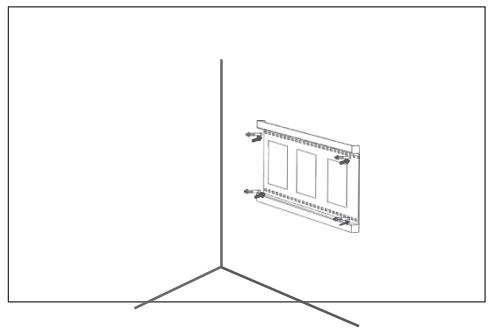Remote Control

HDMI Cable

Touch USB Cable

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www.thehovercam.com

Step 1: Install the bracket rungs onto the back of the CenterStage using provided screws, and proper screwdriver.
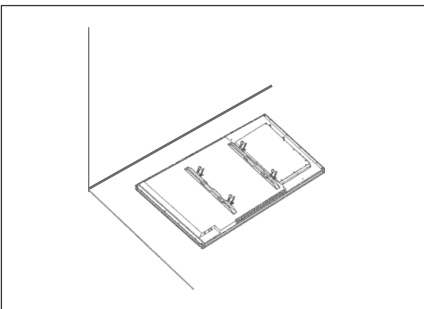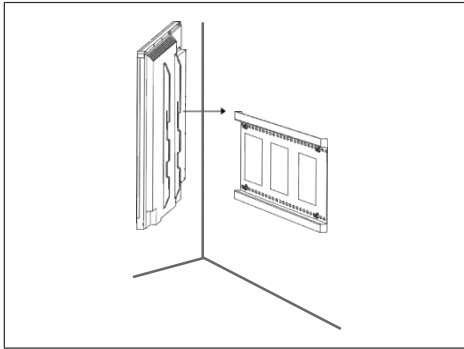

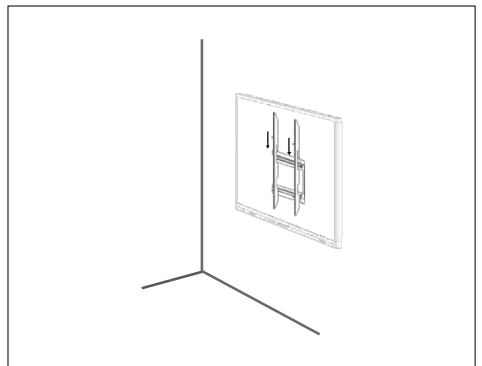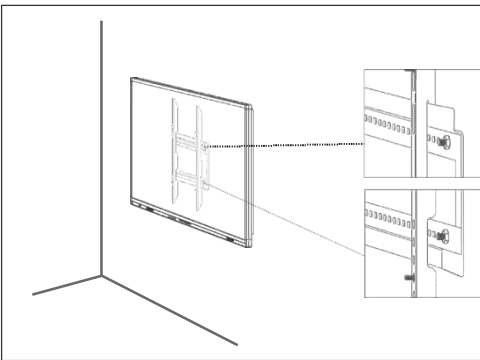**Step 2:** Install the bracketing mount onto the wall

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INSTALLATION INSTRUCTIONS

Step 3: Hang the CenterStage onto the wall mount

Step 4: Ensure the bracketing is properly aligned and fits securely.

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PORTS

⊙ SPDIF

RS232

| SD Card

◉ Auxiliary

◉ AV Out

◉ YPBPR

◉ AV In

(Panel Front)

Panel Front

	PC USB		HDMI In
TV USB		Touch USB	

(Panel Back)

Power

(Right)

Panel Below

RJ45		HDMI In		VGA Audio		
	Touch USB			VGA		USB In
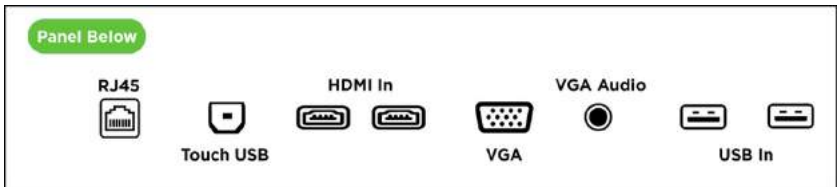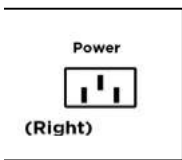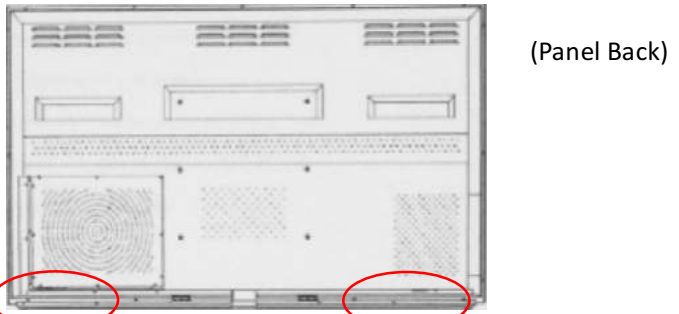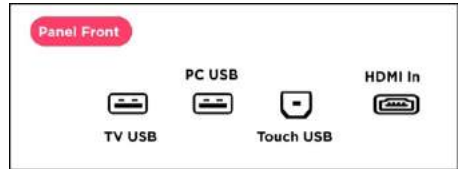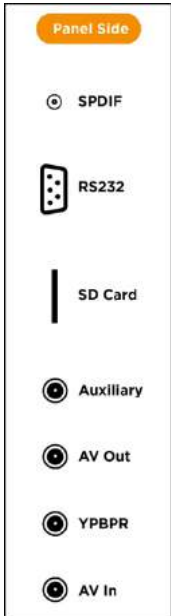
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CONTROL PANEL

Power
Turn on/off the panel.

Source
Select or change the input source.

Menu
Launch the main system menu.

Volume Up/Down
Raise system volume.

Channel Up/Down
Lower system volume.

PC Input
Change input to local computer.

ES **Energy Saver Mode**
Enter "Energy Save" mode.

Enter
Choose selected option.

Home
Open the Android home screen.

(Panel Front)

CenterStage 6510 series panels have a series of buttons on the front, bottom edge of the panel for easy use and navigation. This area is called the Control Panel.

OPERATION INSTRUCTIONS

Power On
● Make sure to use AC 100～240V 50/60Hz as the power supply for the CenterStage.
● Press the Power button (on the front of the CenterStage). The light on the front of the CenterStage will change from red to blue once the CenterStage is powered on.
● The CenterStage will enter active mode once powered-on.

Power Off
● Press the power button on the CenterStage when you want to shut down.
● A "Shut Down" screen will display on the CenterStage. Once completely shut down, the light on the front of the CenterStage will change from blue to red.
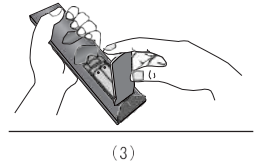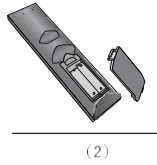
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REMOTE SPECIFICATIONS/CONTROL

Battery installation:
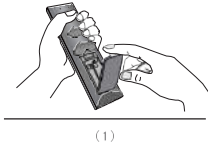
1	Power On/Off
2	Mute
3	Channel & Number Controls
4	Info
5	Energy Saver Mode
6	Input Selection
7	Main Menu
8	Arrow Option Navigation
9	Enter Sleep Mode
10	Exit Menu
11	Volume Control
12	Picture Mode Selection
13	Channel Selection
14	Sound Mode Selection
15	Video Controls
16	PRSCRN Screen Capture
17	CHLIST Channel List
18	Return to Home Screen
19	Lock Screen
20	Zoom Controls
21	TV Viewing Mode

ANDROID OPERATIONS

Back — Return to previous menu screen.

Home — Return to home screen.

Task — View open tabs and apps.

Input — Change display input.

Menu — Open main operations menu.

Volume — Open volume adjustment options.

Light — Adjust brightness and lighting.

Screenshot — Capture a screen shot.

The CenterStage 6510 series features a built-in Android 5.0.1 operating system. This OS includes several features and pre-loaded intelligent applications. Quick operations navigation can be accessed by swiping upwards from the bottom edge of the touch screen.

ANDROID MAIN MENU

 Settings Menu
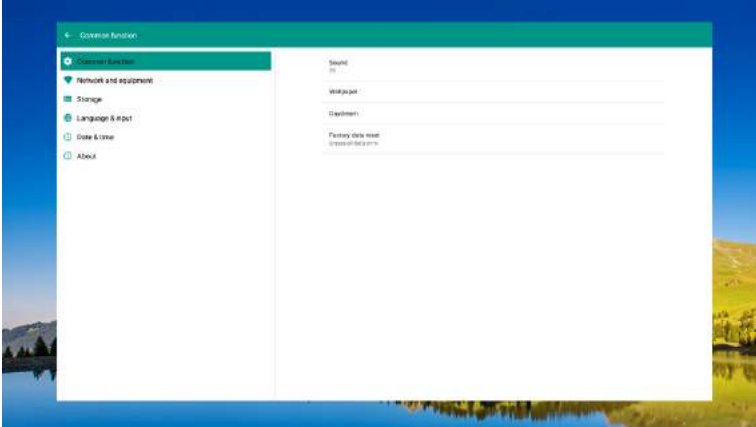
 Open Web Browser

 Applications Menu

 Media Manager

To access the Android OS main menu, select the "HOME" option at the bottom edge of the panel, select in the Android system operations navigation.

1	Input Selection
2	Input Preview
3	Open Applications Preview
4	Android Operations Navigation

SETTINGS MENU

Main Settings Menu Options

1	Common Function	Adjust sound, wallpaper, screen saver, and reset
2	Network & Equipment	Network connectivity & wi-fi settings
3	Storage	Available storage space on unit
4	Language & Input	Change language settings
5	Date & Time	Change date and time settings
6	About	Factory and product general information

APPLICATIONS MENU
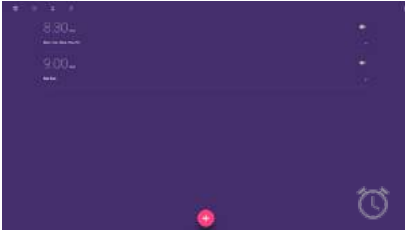

Launch the applications menu by selecting the "Applications" option on the Home menu. CenterStage comes standard with several pre-loaded apps including calculator, calendar, web browser, and whiteboard.

Standard Applications Include

1	Clock
2	Browser
3	Calculator
4	Downloads Manager
5	Local Media Manager
6	DrawViewer Whiteboarding Software

CLOCK

Alarm: program alarm for set time

Clock: set time based on selected city and time zone.
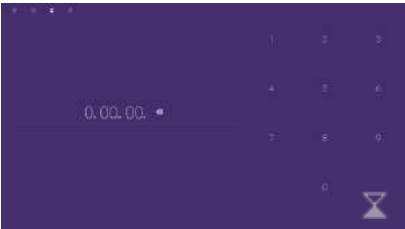
Timer: start/stop timer count down
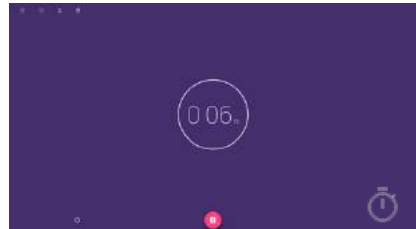
Stopwatch: start/stop timer program to monitor elapsed time

 Use the world clock icon to set multiple clocks for multiple time zones within the clock app.

MEDIA MANAGER

The HoverCam CenterStage 6510 series has a built-in downloads and media manager to organize images, music, movies, documents, and apps. From here you can copy, paste, export, email, and sort files saved locally or input by use of an SD card or external USB drive.

The CenterStage 6510 series panels include digital, interactive whiteboard software. This feature supports up to 10-point multi-touch recognition, and h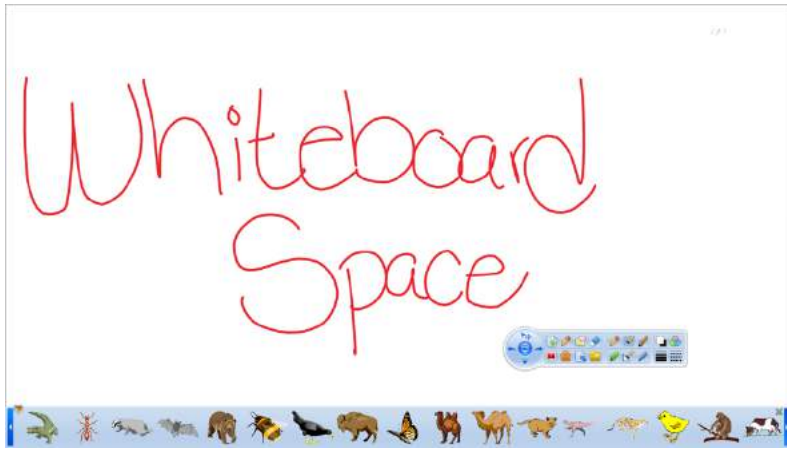olds a variety of customizable annotation tools including pens, highlighters, markers, clip art and importing functionality.

1	New Whiteboard	18	Stroke Adjustment Tool
2	Pencil Options	19	Line Adjustment Tool
3	Shape Options	20	Import Image
4	Eraser Options	21	Embed Text
5	File/Import Options	22	Embed Flash File
6	Tools	23	Embed Video
7	Viewing Options	24	Add Slide
8	Import Clip Art	25	Zoom
9	Line Tool	26	Straightedge Tool
10	Triangle Tool	27	Protractor Tool
11	Ellipse Tool	28	Mask Tool
12	Square Tool	29	Paint Bucket Tool
13	Diamond Tool	30	Timer
14	Custom Shape Tool	31	Compass Tool
15	3D Shape Tool	32	Calculator
16	Color Adjustment Tool	33	Web Cam
17	Opacity Ajustment Tool	34	Video Controls

RS232 PROTOCOLS

The CenterStage 6510 Series is compatible with RS232 control devices. Below is a list of protocol codes and functions:

Baud rate: 115200   Data length: 8-bit   Spot bit: 1-bit

Communication Code: ASCII code

Function	Communication Protocol	Function	Communication Protocol
POWER	99 A2 01 01 27 AA AA AA	Right	99 23 25 01 DA AA
SOURCE	99 23 13 01 EC AA	OK	99 23 26 01 D9 AA
TV	99 23 07 01 F8 AA	Menu	99 23 12 01 ED AA
AV	99 23 08 01 F7 AA	HOME	99 23 00 01 FF AA
YPbPr	99 23 0A 01 F5 AA	Mute	99 23 02 01 FD AA
VGA	99 23 0B 01 F4 AA	VOL +	99 23 1701 E8 AA
HDMI	99 23 0E 01 F1 AA	VOL -	99 23 17 01 E7 AA
Up	99 23 22 01 DD AA	ECO	99 23 16 01 E9 AA
Down	99 23 23 01 DC AA	PC	99 23 11 01 EE AA
Left	99 23 24 01 DB AA	Multi-Media	99 23 27 01 D8 AA

Basic Operation:
1. Switch On
   a. Use alternating current power suplly of 100~240V to insert into the TV outlet switch the power switch to "ON"
   b. Use the POWER key on the remote control or AIO to switch on.
2. Switch Off
   a. Press the POWER key ont eh remote control or TV when switching off.
   b. The power should be off before removing the plug from the outlet
3. Saving Before Shutdown
   a. The AIO may save the scene and voice setting when switching off. It will save the current state before switching off and recover upon next boot-up.

WARRANTY

The CenterStage 6510 series comes standered with a 1-year warranty, upgradable to 3 or 5-year warranty. To extend your warranty, you must register your unit online at https://thehovercamserver.com/shop/warranty-registration/
You can also register your warranty by contacting sales@thehovercam.com

For support please contact:
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www.thehovercam.com

SERVICING & SUPPORT

For support and servicing requests, submit a service ticket at the HoverCam Support Center, https://thehovercam.desk.com/customer/portal/emails/new.