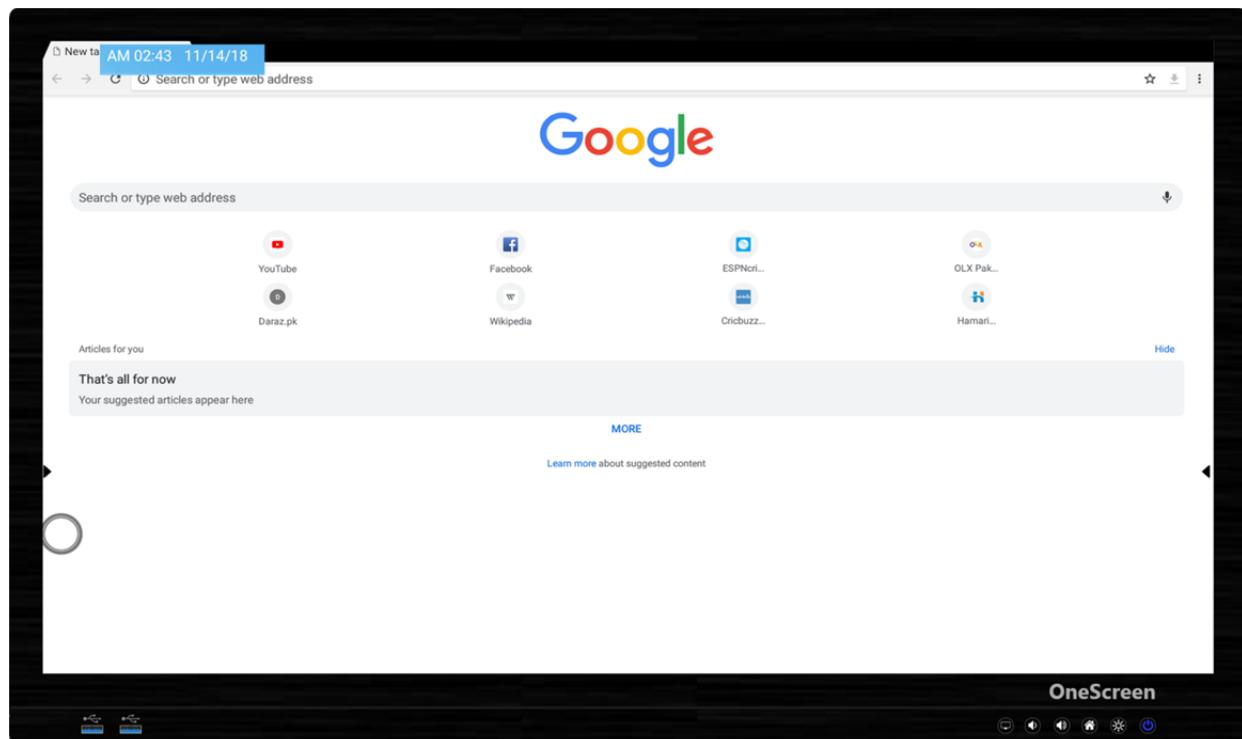


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7.1.3. Applications and Menus



Whiteboard Application

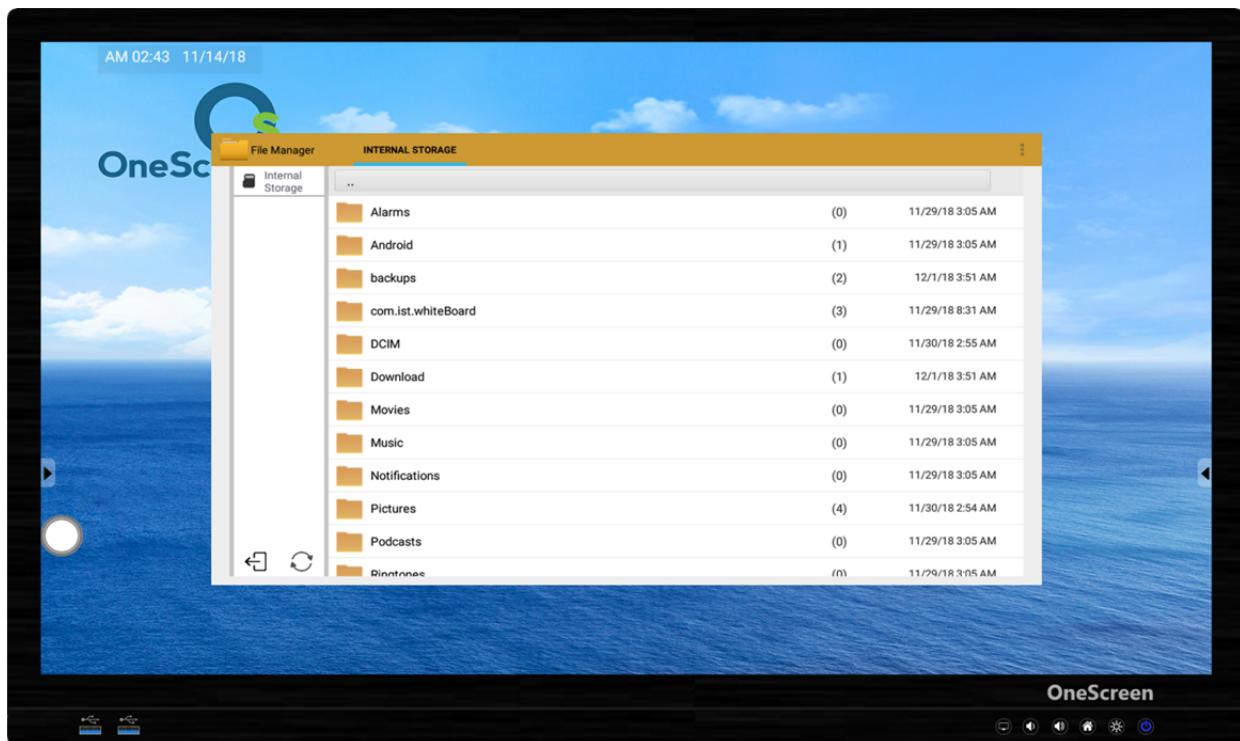


Google Chrome

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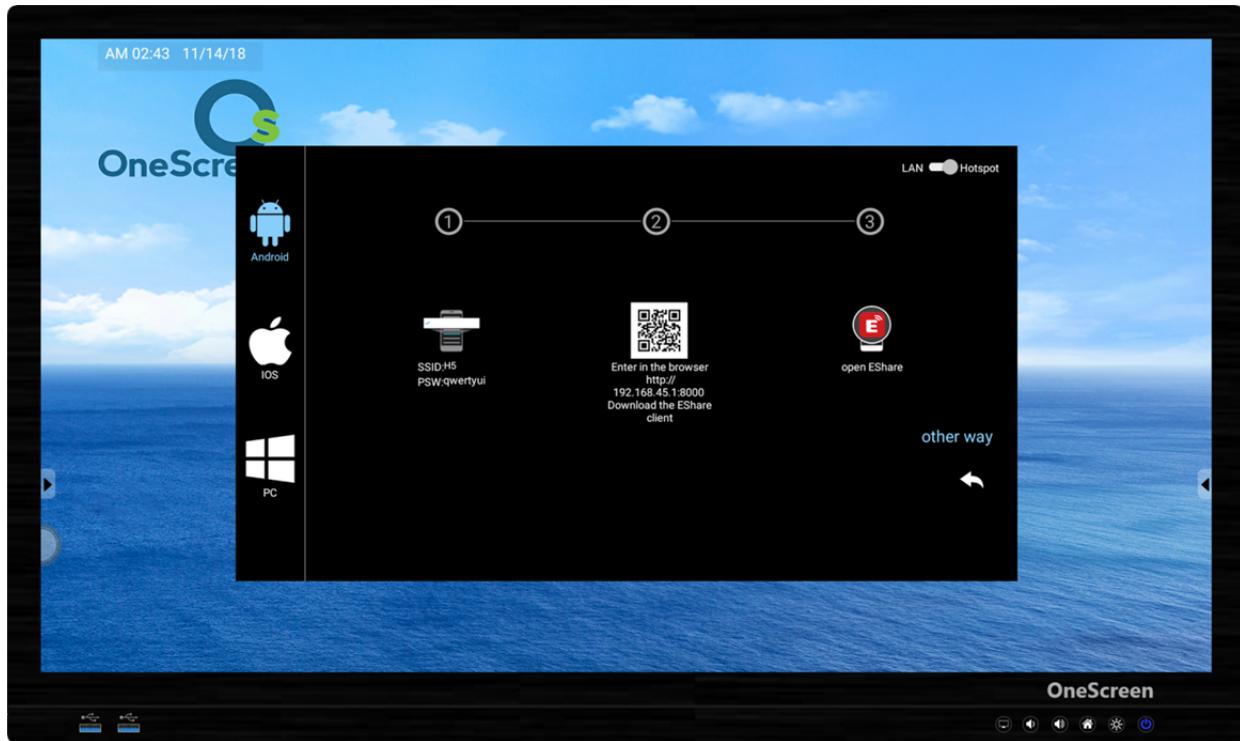


Applications Window

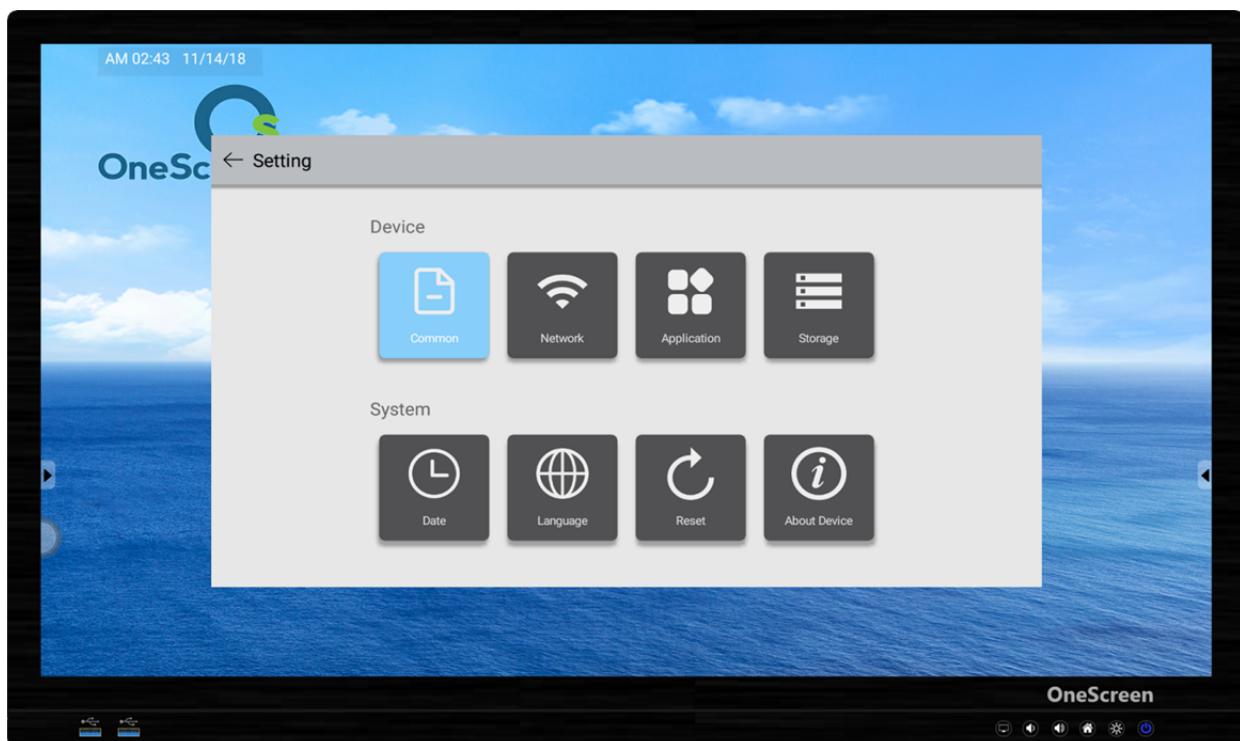


File Explorer

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Eshare (Wireless Screen Sharing Application)



Settings Menu

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7.1.3.1. Settings Menu

Sr.	Icon	Function
1.	 Common	Modify device and user settings.
2.	 Network	View and manage connectivity settings.
3.	 Application	View, disable and uninstall applications.
4.	 Storage	View storage information.
5.	 Date	Modify date and time.
6.	 Language	Language settings can be changed from here.
7.	 Reset	Reset device to factory settings.
8.	 About Device	View hardware and software information and perform software upgrades.

8. RS 232 Guide

8.1. Settings for RS 232 Control:

Use a Straight through Female to Female cable. Connect RS-232 cable between control Processor and OneScreen display. Set your program RS-232 port to the setting below. Control is one-way serial. However you may receive feedback when sending the power on/off commands.

Port number: COM1(set according the PC or Central control equipment)

Bit rate	38400	Parity check:	NO
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Data byte:	8	Stop byte:	1
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Note: Each command must be terminated with a Carriage Return \x0D

Hex notation has to be used when sending commands.

8.2. RS 232 Commands

Function	Required Command
Power On	55 00 8E 00 E3
Power Off	55 00 8D 00 E2
Source	55 00 80 00 D5
Up	55 00 00 01 56
Down	55 00 00 02 57
Left	55 00 00 03 58
Right	55 00 00 04 59
OK	55 00 00 00 55
Menu	55 00 14 00 69
Exit	55 00 16 00 6B
Info	55 00 18 00 6D
Mute	55 00 1A 00 6F
Sleep Mode	55 00 20 00 75
Sound Mode	55 00 22 00 77
Picture Mode	55 00 28 00 7D
Set Sleep Timer	55 00 4A 00 9F
Aspect Ratio	55 00 4C 00 A1
Volume Increase	55 00 0C 00 61

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Volume Decrease	55 00 0E 00 63
Return	55 00 0A 00 5F
Switch Source to YPbPr	55 00 80 04 D9
Switch Source to VGA	55 00 80 05 DA
Switch Source to HDMI 1	55 00 80 08 DD
Switch Source to HDMI 2	55 00 80 09 DE
Switch Source to HDMI 3	55 00 80 11 E6
Switch Source to DP	55 00 80 15 EA
Switch Source to On-board PC (OPS)	55 00 80 0B E0
Switch Source to AV in	55 00 80 0C E1
Switch Source to USB	55 00 80 0F E4
Set Language	55 00 42 00 97
Enter Factory Settings/Menu	55 00 82 00 D7
Factory Reset	55 00 84 00 D9
Home	55 00 91 00 E6
Resolution Switch	55 00 95 00 EA
Audio Only	55 00 97 00 EC

9. Technical Specifications

9.1. Touchscreen Specifications

Specification	Details
Screen Type	TFT LED
Resolution	3840(H) ×2160 (V)
Response Time	<8ms
Touch Capability	20 Points (Finger or Pen)
Surface Protection	Anti-glare Tempered Glass
Panel Size	65"
Brightness	400 cd/m ²
Dynamic Contrast	4000:1
Display colors	1.07 Billion (10-bit)
Input Ports	3x HDMI, 1x Display Port, 1x VGA, 1xYPBPR, 1x AV, 1x USB, 1 x Camera USB, 1x RS232, 1xRJ45, 2x Touch USB, 1x Audio input, Bluetooth x 1, Mic x 1
Output Ports	1x AV(mini), 1x Audio (left/right) sound CVBS output terminal), 1x Earphone,1x Coaxial Audio, 1x HDMI, 1x RJ 45
Refresh Rate	60 Hz
Speakers	15W + 15W
Product Weight	135 lbs
Product Dimensions	59.2" x 36.3" x 3.8"

9.2. On-board PC Specifications

Specification	Details
Operating System	Windows 10 Pro
Memory	Intel i7 8 th Generation Processor
Processor	8 GB RAM
Hard Drive	128 GB SSD, 1 TB HDD
Connectivity	Gigabit Ethernet, wifi 802.11 a/b/g/n
Input/Output Ports	6x USB, 1x VGA, 1x HDMI, 1x RJ45, 1x Earphone output, 1x Microphone input, 1 x DP, 1 x COM

10. Troubleshooting

It is always advisable to contact OneScreen technical support team in case of any problem. The table below will help you identify how to get the system running efficiently in case you encounter any of the following:

PROBLEM	Do's	Do not's
PC not working	Check if the cables are intact. Check whether the ports are functional. Check the main button on the front for PC. Check for the red button for powering ON the PC from the back. Unmount the PC from the unit and re-mount.	Do not press ON/OFF button repeatedly to see if it works. Do not press power button at back of the screen repeatedly.
Touchscreen not working	Check the cables to ensure they are functioning properly. Check whether the ports are functional. Check whether the USB touch cable is connected properly. Restart the system.	Do not try to fix by dismantling the screen unless you are accompanied by an expert technician. Do not squeeze the USB port. Do not adjust the cables without proper tools.
Speaker pod not working	Conduct a complete power cycle (unplug all wires and reconnect). Select the speaker pod as the default device under speaker settings. Restart the system.	Do not dismantle the speaker.
Keyboard not working	Check the connectivity settings in the PC. Check for the batteries. Check that the dongle is connected on the front side of the unit. Restart the system.	Do not use discharged batteries. Do not use heated batteries. Do not dismantle the keyboard.
Camera not working properly	Check the connectivity settings in the desktop. Conduct a power cycle. Check power supply camera. Check the cable connecting the power to the camera. Complete a firmware upgrade.	Do not try to dismantle the camera by yourself. Do not move the camera manually. Do not check the cables bare handed if damaged.

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FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning & Caution:

Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment. Antenna shall be mounted in such a manner to minimize the potential for human contact during normal operation. The antenna should not be contacted during operation to avoid the possibility of exceeding the FCC radio frequency exposure limit.

A minimum separation distance of 20 cm must be maintained between the antenna and the person for this appliance to satisfy the RF exposure requirement..

Operations in the 5.15-5.25GHz band are restricted to indoor usage only.