

DCS REACH PROJECTOR KIT - USER GUIDE



Using the DCS Reach

UNDERSTANDING THE DCS REACH

DCS Reach H10-S Projector - Port and Function Overview

The H10-S Projector is equipped with a range of ports for versatile connectivity:

•USB Ports:

- **USB 2.0:** Recommended for the keyboard dongle.
- **USB 3.0:** Supports external storage devices up to 2TB.

•Power Button:

Located on the left-hand side. When connected to a power source, pressing the power button will change the indicator light from red to blue, signaling that the projector is on.

•HDMI Port:

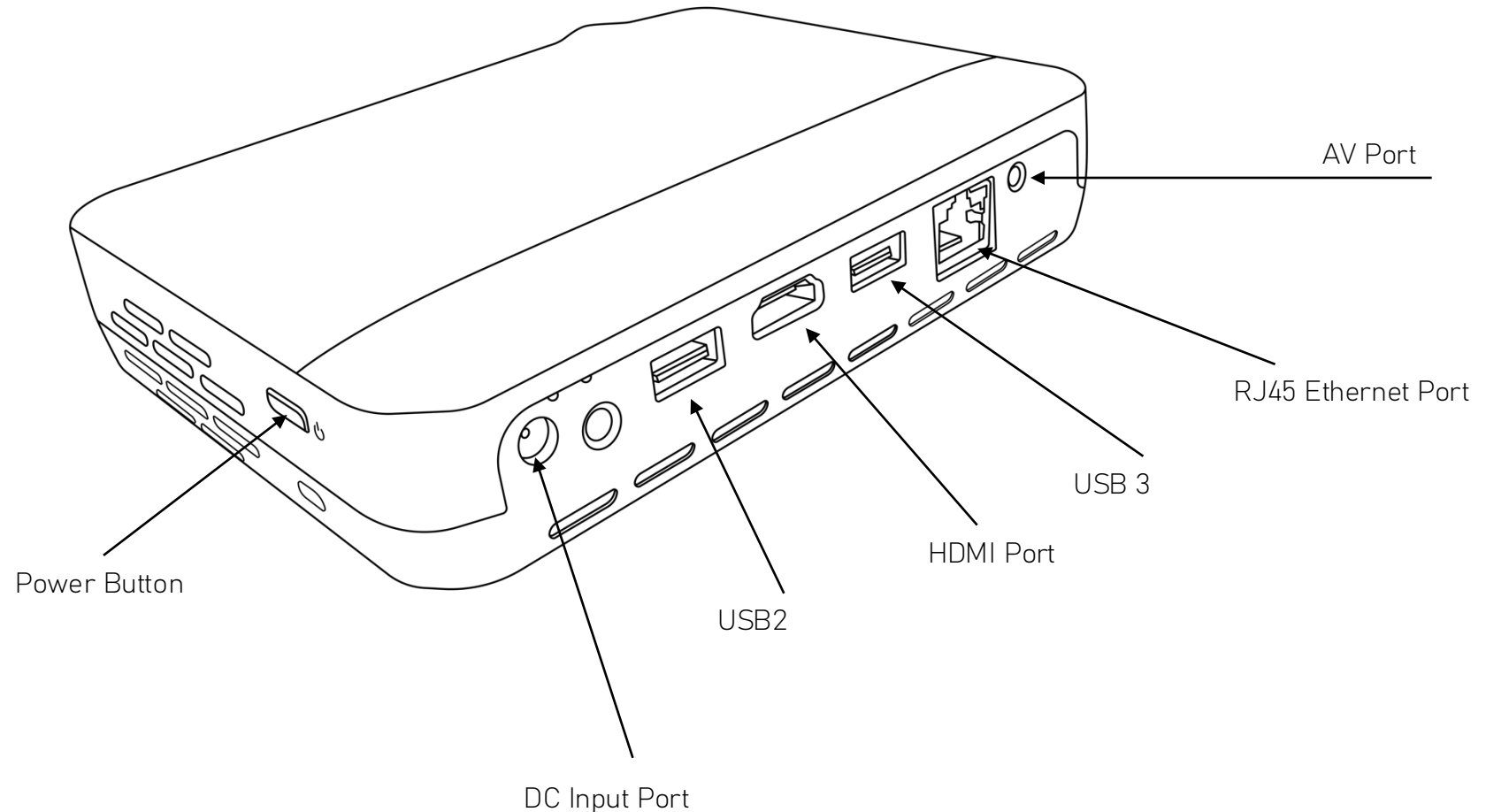
Automatically detects and connects to any HDMI input device, including Set-Top Boxes (STBs), PCs, and gaming consoles.

•Ethernet (LAN) Port:

For wired internet connections, ensuring a stable and high-speed network experience.

•AV Port:

Allows for the connection of wired speakers or headphones for audio output.



THE FOCUS & PROJECTOR LENS

DCS Reach H10-S Projector – Operation and Handling Guide

•Focus Ring

The manual **Focus Ring** allows you to adjust the clarity of the projected image. Gently rotate the ring in either direction until the image is sharp and clear.

•Lens and IR Sensor

Avoid touching the projector lens to prevent smudges or damage. Ensure the **IR sensor** remains unobstructed for optimal remote control performance.

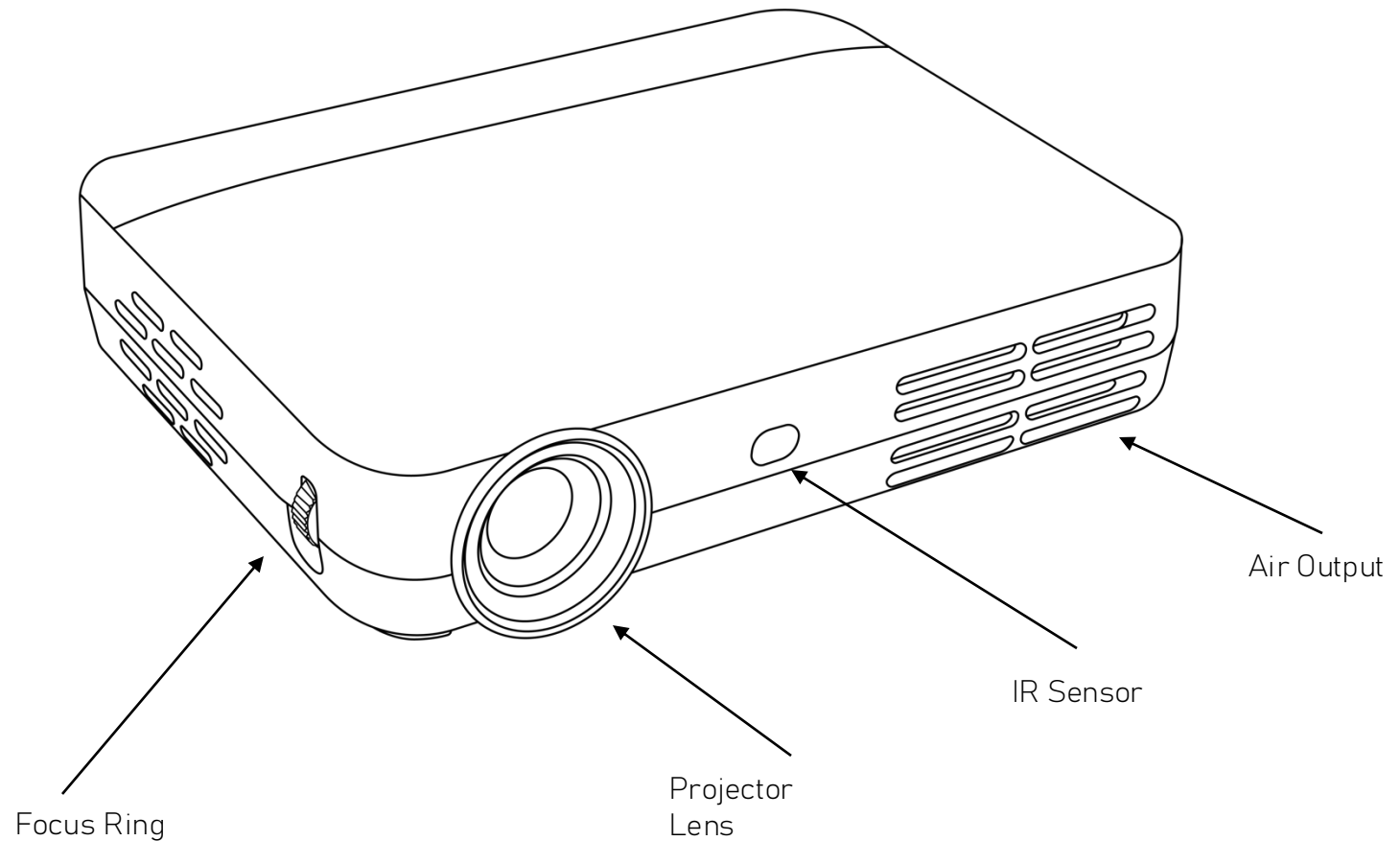
•Ventilation

The projector has **air intake and exhaust vents** located on the sides and underneath the unit.

•Do not block these vents.

•Avoid placing the projector on soft surfaces or near dust sources.

•Ensure adequate airflow to prevent overheating and maintain performance.



THE POWER BANK

Power Bank – Port and Function Overview

•18V / 100W Input (DC IN)

This port is specifically designed for solar charging. Use the provided 10-meter cable to connect the solar charger to this input or use the mains adaptor.

•9V–19V Output (DC OUT)

This port supplies power to the projector. Press the button on top of the power bank to cycle through the voltage levels: **9V → 12V → 15V → 19V**. Each press increases the output voltage to suit your device's requirements.

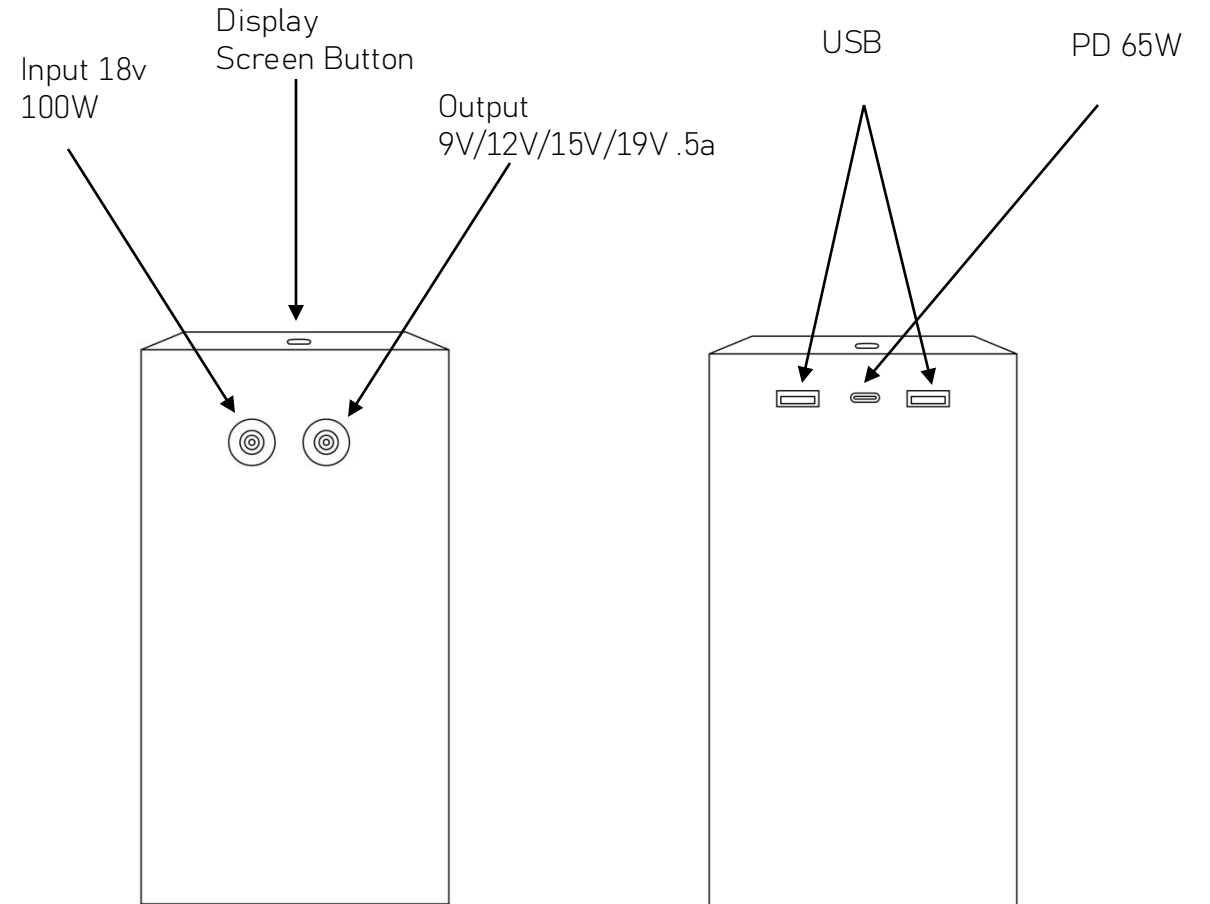
- Use the included **1.5-meter DC cable** to connect the power bank to the projector.

•USB Ports

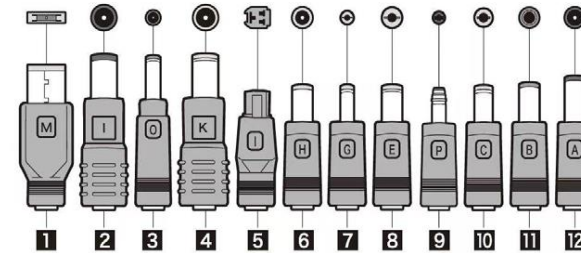
The power bank features **two standard USB-A ports**, suitable for charging smartphones and other USB-compatible devices.

•PD 65W USB-C Port

This **USB-C port** supports **Power Delivery (PD)** up to **65W** and functions as both an **input and output**. Use it to charge the power bank or power high-demand USB-C devices like laptops or tablets.



SOLAR CHARGER: THE SOLAR CONTROLLER



Comes with these connectors for PC's and other devices

Solar Charger – Solar Controller Overview

The solar charger includes a small control unit known as the **solar controller** (shown here).

•USB Ports

One side of the controller features **two USB ports**, which can be used to charge mobile phones or other USB-compatible devices directly from the solar panel.

•5521 DC Output Port

On the opposite side is the **5521 DC output port**. Connect the provided **10-meter cable** to this port and plug the other end into the **Power Bank's 18V input**.

•Voltage Selector Switch

Located on the side of the controller is a **voltage selector switch**. This allows you to toggle the output voltage between **12V, 16V, and 20V**.

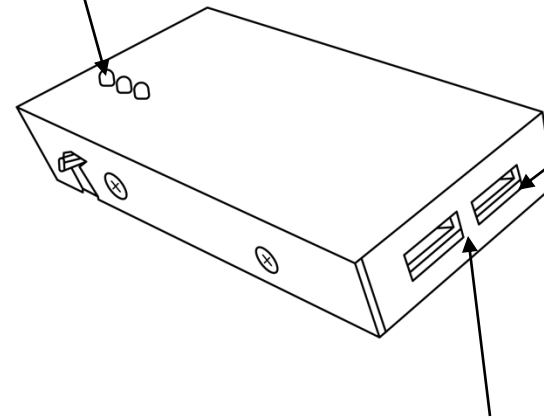
•⚠ **Important:** Ensure the switch is set to **20V** when charging the Power Bank for optimal performance.

•The red indicator lights will light up once solar generated electricity starts flowing through the Solar Panels

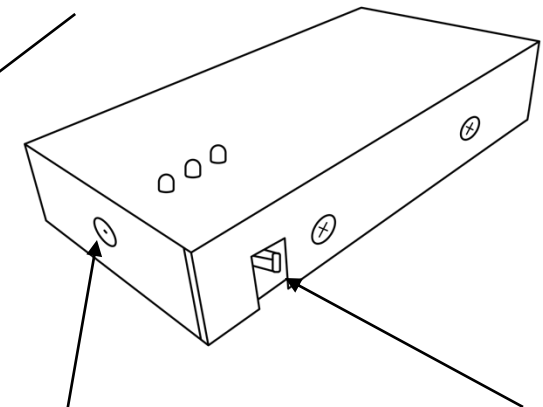
No.	Male Head Size	Laptops
1	Square port	LENOVO
2	7.4x5.0x0.6	DELL
3	4.5x3.0x0.6	DELL
4	8.0x5.6x0.9	IBM, LENOVO
5	3 holes	DELL
6	5.0x3.0x1.0	SAMSUNG
7	4.0x1.7	ASUS, BENQ, ACER, SONY
8	5.5x1.7	ACER, SONY
9	4.8x1.7	SAMSUNG, ASUS, HP, DELTA, COMPAQ
10	5.5x2.5	LITEON, FUJITSU, TOSHIBA, ACER, DE IBM, HP, DELTA, COMPAQ, ASUS
11	6.3x3.0	TOSHIBA, PANASONIC, NEC
12	6.0x4.3x1.0	SONY, FUJITSU

Indicator
Light

The 120W Solar has a
USB C Port here



USB Ports



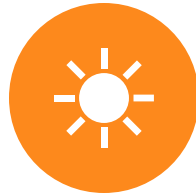
5521 DC Port

Voltage
Selector
Switch

OPERATION GUIDE



After expanding the folding solar charger, it will generate electricity once solar panels in the sunshine. Put the solar panels under the sun, and do not let anything to cover it. Charging time depends on battery capacity and intensity of sunlight.



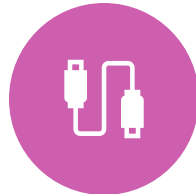
Try to let sunlight project onto solar panel in 90 degree, to get maximum solar energy. In other words, for noon sunlight, if solar charger placed flatly on the ground, it can get maximum power.



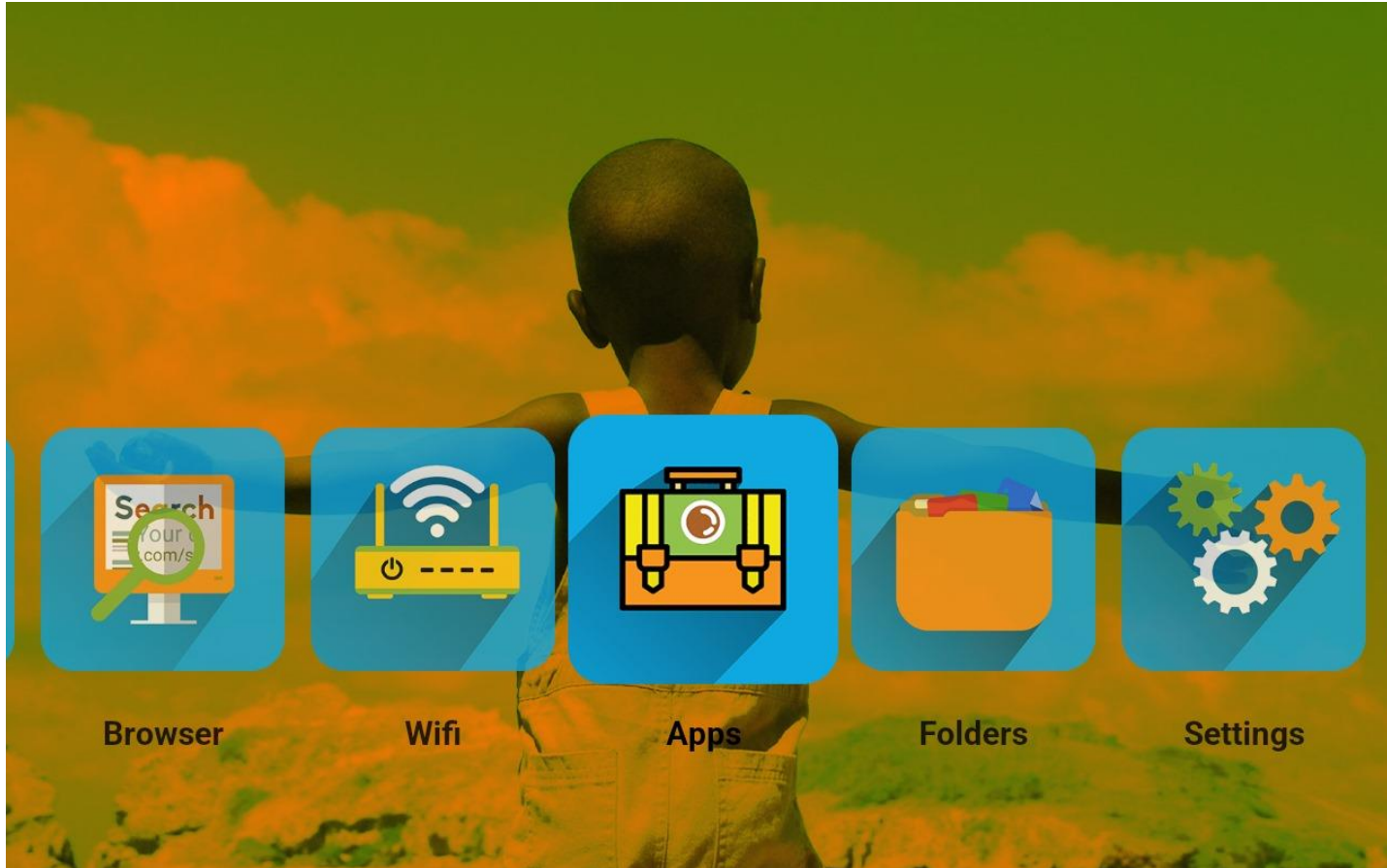
Please do not hit, knock, fall, cut or put heavy pressure on the solar panels.



Please do not place the solar charger outdoor in rainy day.



Ordinary smart phones, digital cameras, iPad, MID and other electronic products are usually not allowed to be recharged under high temperature environment (above 45°C). If any items need to be recharged under sunlight, please place it under solar panels or avoid exposure under sunlight.



THE INTERFACE: HOME PAGE

- This is the standard homepage for your DCS Reach
- The images on the page can be rotated depending on the profile you have chosen
- The profile is chosen when the DCS Kit is purchased and allocated to the serial number of the DCS Projector Kit
- Ask Digisoft or your Distributor if you want any special changes to your profile. If you are an institution, NGO or Digisoft partner. This could include having your own designer desktop with your colors and logo. Or adding your apps on first launch.



Digisoft Education

Enter serial number

Register

Profile reset.

ACTIVATION SCREEN

- On first use of the projector the activation screen will appear.
- The projector must first be connected to the internet in order to facilitate the activation
- On first use, the network settings will also be launched automatically to enable you to add your password to the available Wi-Fi.



Digisoft Education

mp18021512288g060

Register

ACTIVATION NUMBER

- The activation number is the serial number on the underside of the projector
- Enter this into the text box to register your device.



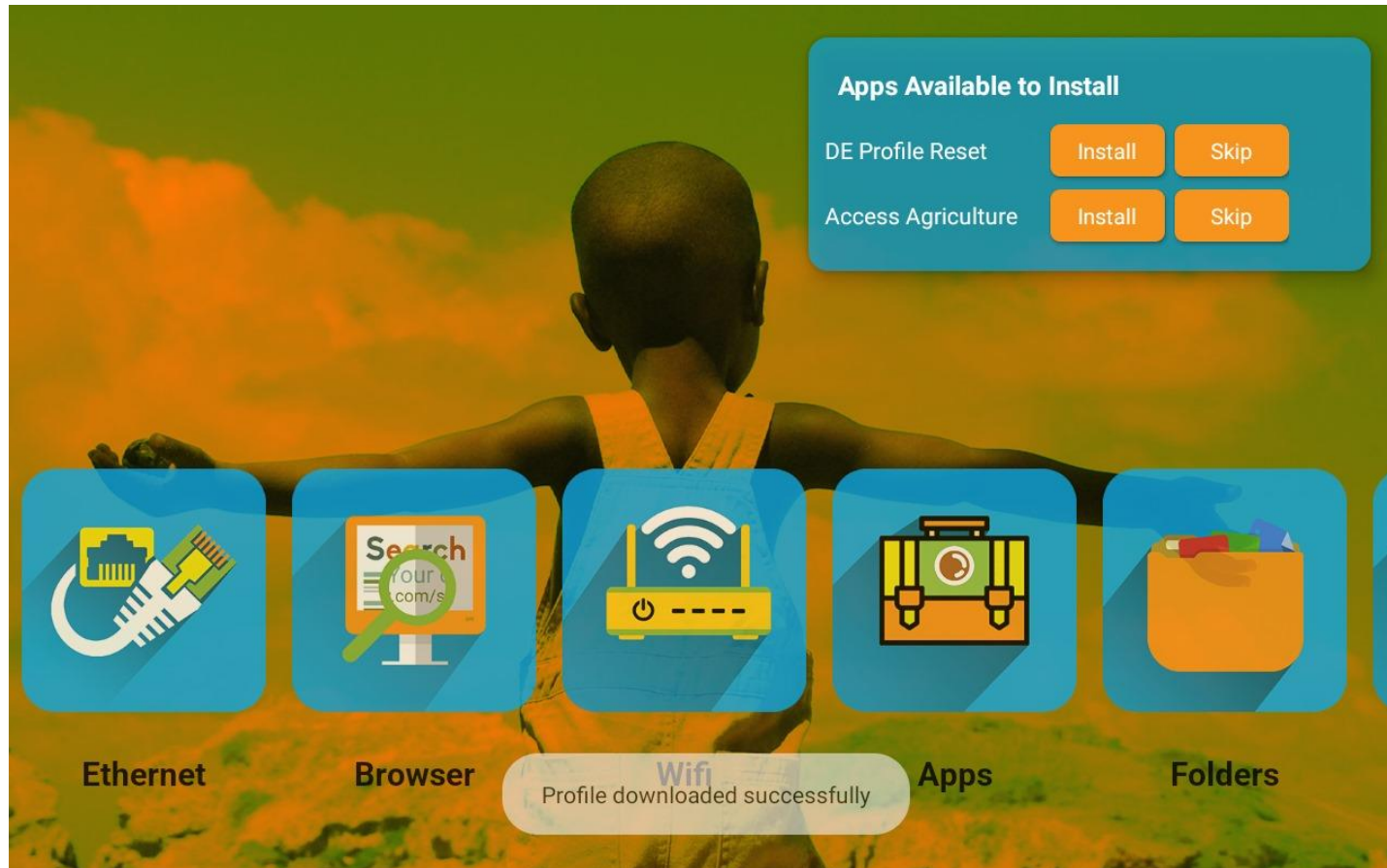
Digisoft Education

mp18021512288g060



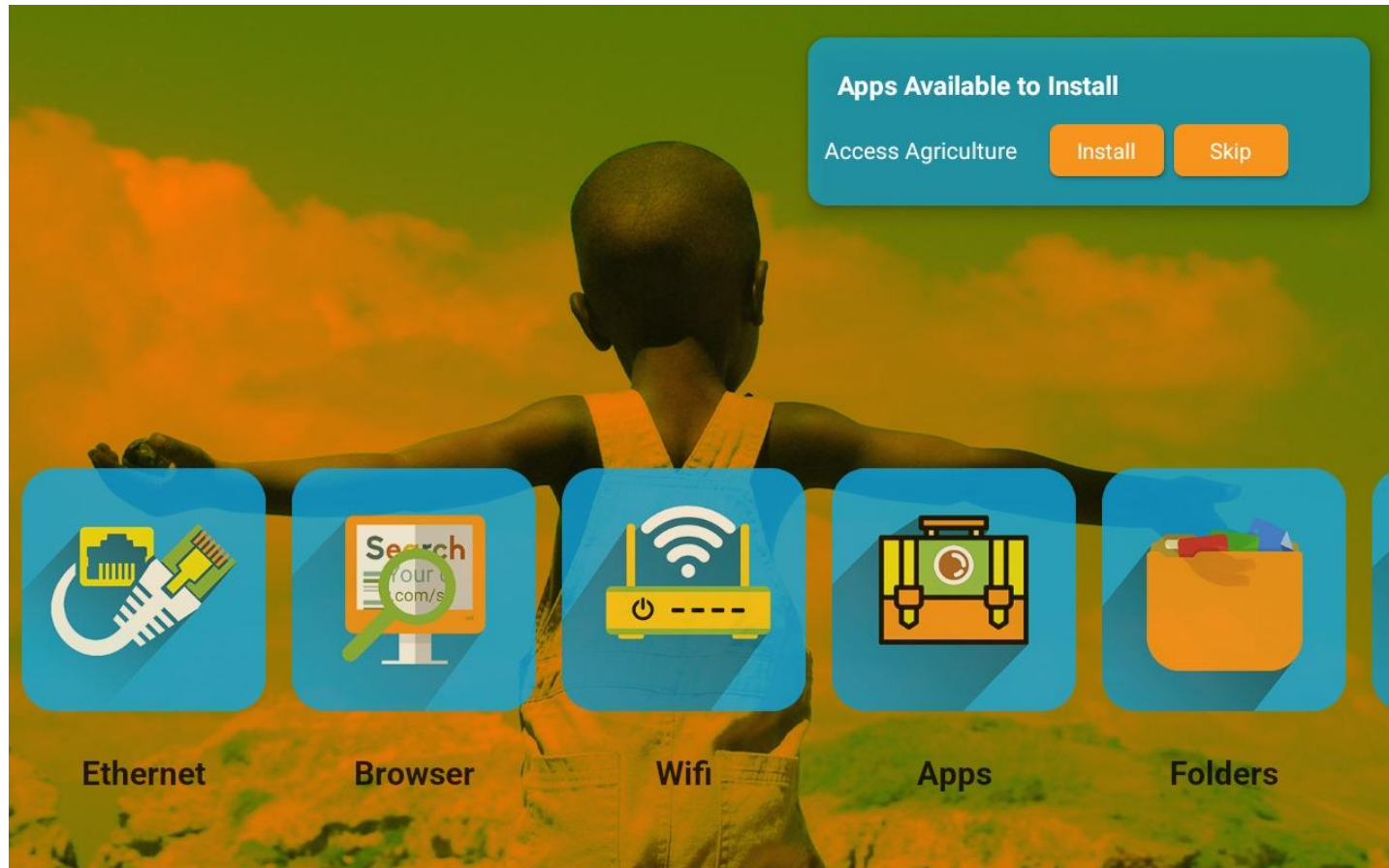
DOWNLOADING PROFILE

- Once you have input the serial number press register, and the profile selected for the projector will be downloaded and the system will be activated.



POST ACTIVATION

- Once the profile has been downloaded the standard homepage is shown.
- However, if the profile has a number of apps to install you will see a list of apps (top right) that are available to install.
- Simply click the app you require and follow the instructions.
- It is advisable to also add the DE Profile Reset app if indicated as this will allow you to update the system easily in the future by opening the app when you are online and selecting any available updates.



MORE APPS TO INSTALL

- Any apps left to install will be shown on the homepage
- Continue to install until all apps are installed.

APP FOLDER

- The app folder shows all the apps installed on the projector. It can be reached from the desktop by clicking the App folder icon.
- One of the apps is called "Profile Reset"
- This allows you to update the profile and add apps from Digisoft.



UShare

com.ecloud.eshare.server



Google Play Store

com.android.vending



EncryptedVideoPlayer

com.visualpurple.encryptedvideoplayer



Clean memory

com.wwt.cleanmemory



FileExplorer

com.conocx.fileexplorer



Drive

com.google.android.apps.docs



Profile Reset

com.digisoft.android.client.profilereset



Digisoft Education

Press 'Reset Profile' to delete the current profile and restart the Digisoft Desktop.
This is only necessary when there is an update
Press 'Cancel' to exit without changes.

Reset Profile

Cancel

PROFILE RESET LAUNCH

- Press "Reset Profile" to restart the Digisoft Desktop.
- Then follow the instructions.



Profile Reset

Do you want to install an update to this existing application? Your existing data will not be lost. It does not require any special access.

CANCEL

INSTALL

PROFILE

APP

INSTALL

- Follow the instructions on screen.



Profile Reset



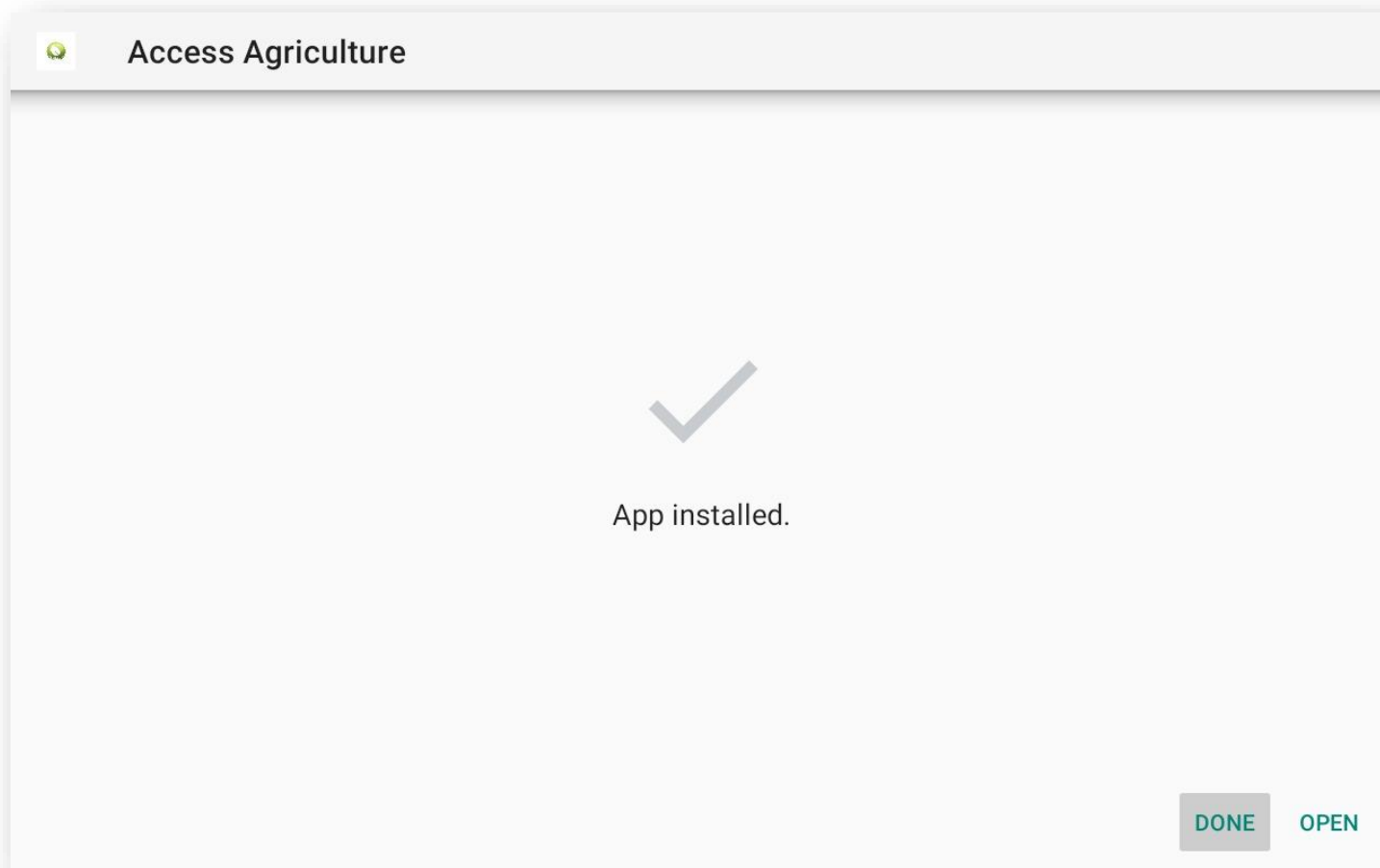
Installing...

CANCEL

PROFILE

APP INSTALL

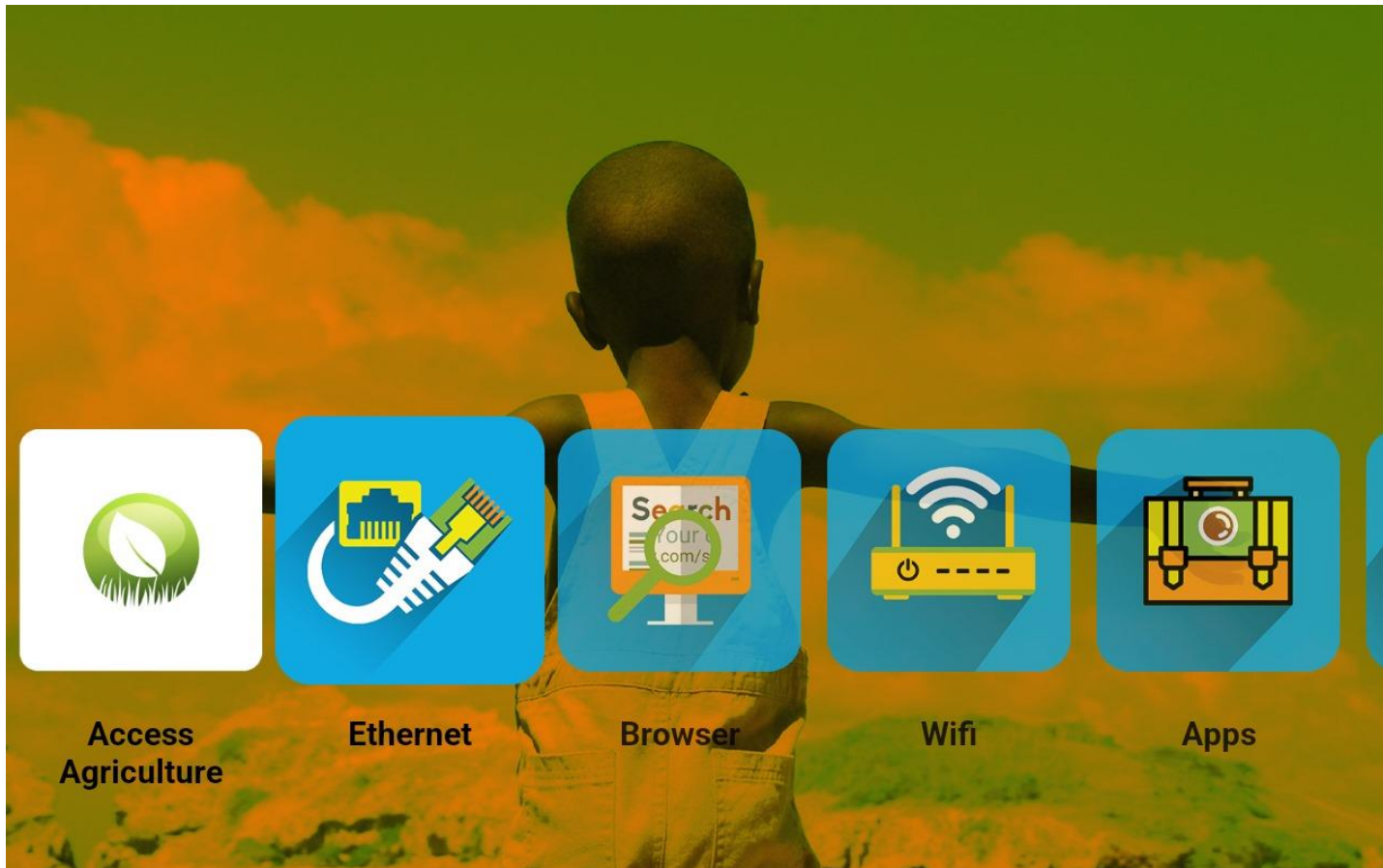
- The updated app will download before installation.



APP INSTALLED CONFIRMATION

- Once installed the confirmation appears.

DESKTOP VIEW WITH ACCESS AGRICULTURE APP



- When you load an Access Agriculture or Digisoft app, you will automatically see the icon on your desktop whenever the relevant disc is attached to the projector.



REINSTALLING OUR FIRMWARE FROM A USB DRIVE

- If you have a problem with your projector that cannot be fixed by undertaking a factory reinstall, we can give you a link to download the latest firmware for your projector. The instructions are as follows:
- 1. Download the firmware and add it to a USB flash disc (do not try and unzip the file and do not change the file name)
- 2. Turn the projector off
- 3. Insert USB drive to the projector USB port nearest to Ethernet port
- 4. Turn the projector on
- 5. It will restart by finding this file on the flash drive and reboot using it.
- 6. Very important: when the blue screen starts DO NOT stop the reboot until after it is completed.

Assigned Shortcuts



ALL DESKTOP SHORTCUTS

- These are all the shortcuts on the projector home-screen
- Clicking these will take you to the following applications.

Bluetooth

Refresh

Rename this device

Show received files

Bluetooth



Paired devices



HUAWEI nova 5T



Available devices



TY



5E:EE:83:67:33:91

SmartProjector is visible to nearby devices while Bluetooth settings is open.

BLUETOOTH

- Use it to connect the speaker or any other Bluetooth devices
- The Bluetooth keyboard can be connected at the same time as the Bluetooth speaker.

Projector

Keystone



Projection Mode



Auto



Digital Zoom



100%



Horizontal Scale



100%



Vertical Scale



100%



Power Mode

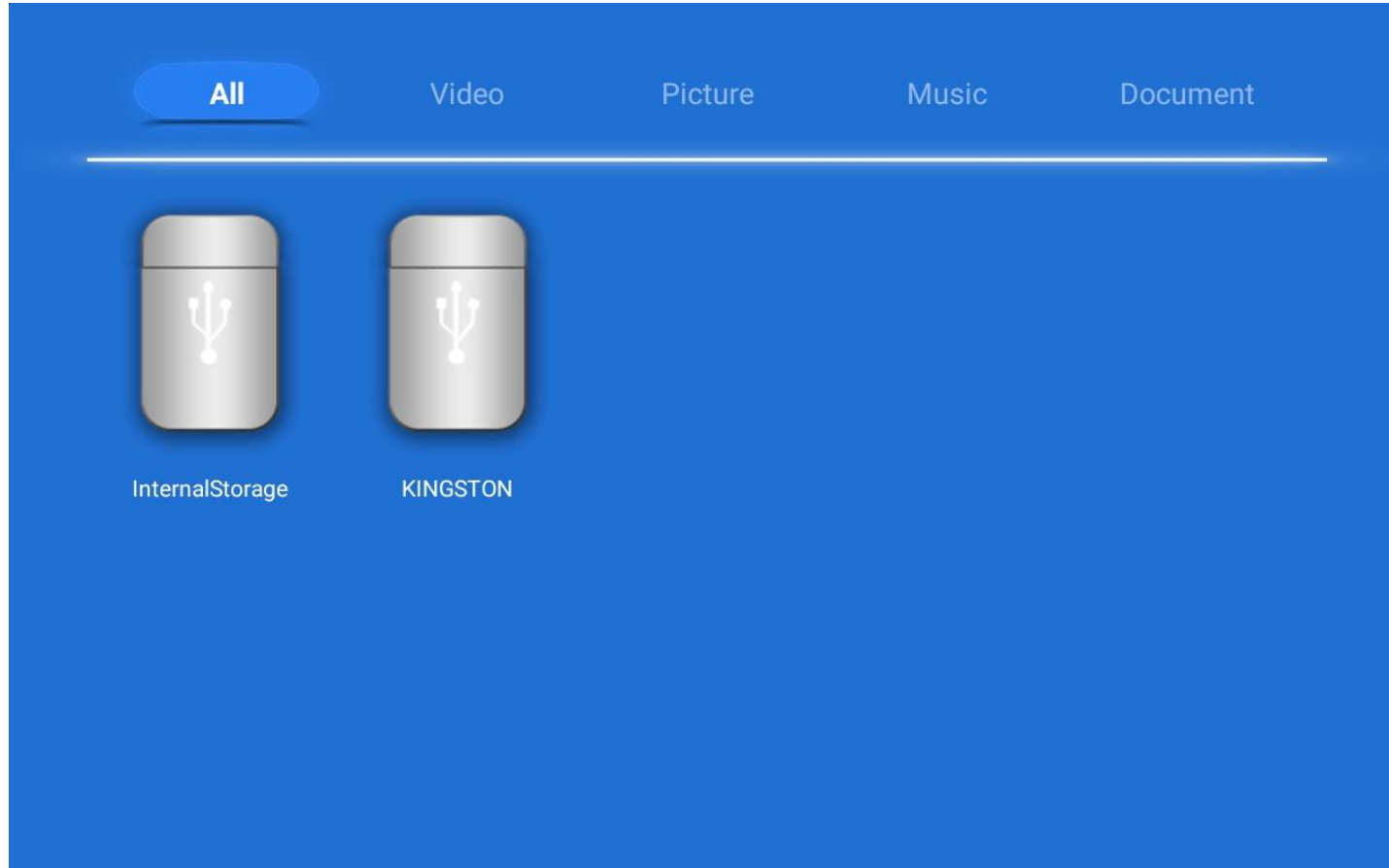


Cinema



PROJECTOR SETTINGS

- Set the keystone settings and the power mode here.



FOLDERS

- The link allows you to explore your internal drive and any document you save on it. This is also where you will see the external USD drives you attach to the projector.

Wired Connection

DHCP



IP address 192.168.1.128

Gateway 192.168.1.1

Network prefix length 24

DNS 1 8.8.8.8

DNS 2 8.8.4.4

SAVE

ETHERNET

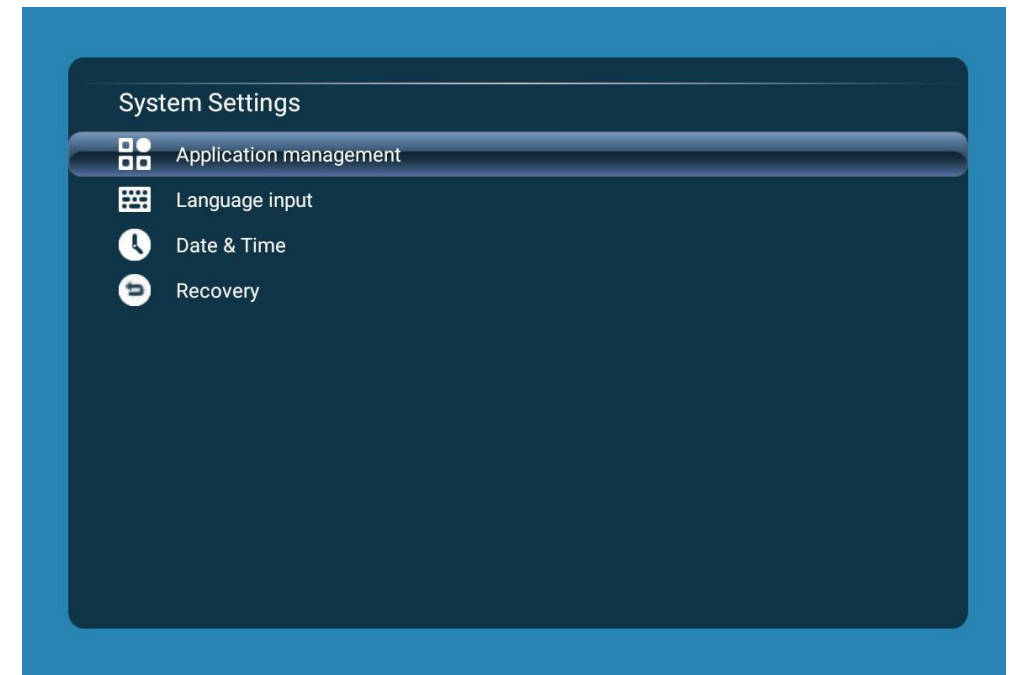
- If you use the RJ45 Port and attach an ethernet cable you can configure the setting here.

SETTINGS

- In the systems setting, you can manage your application settings, clearing the cache on each app, and resetting or uninstalling applications

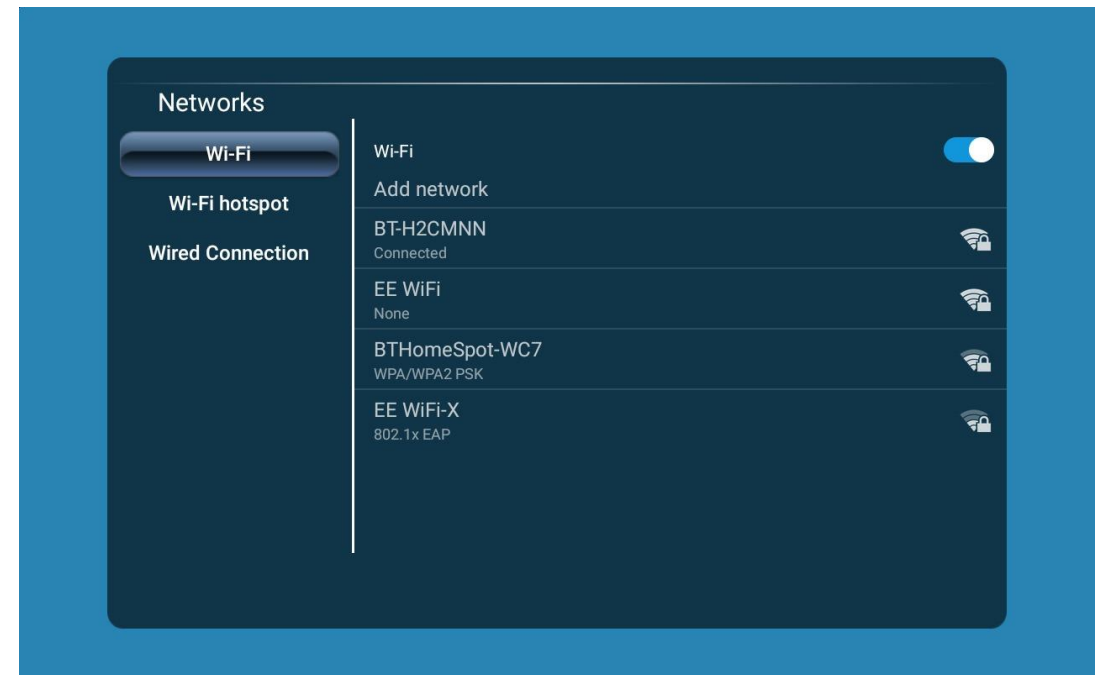
Also use it for:

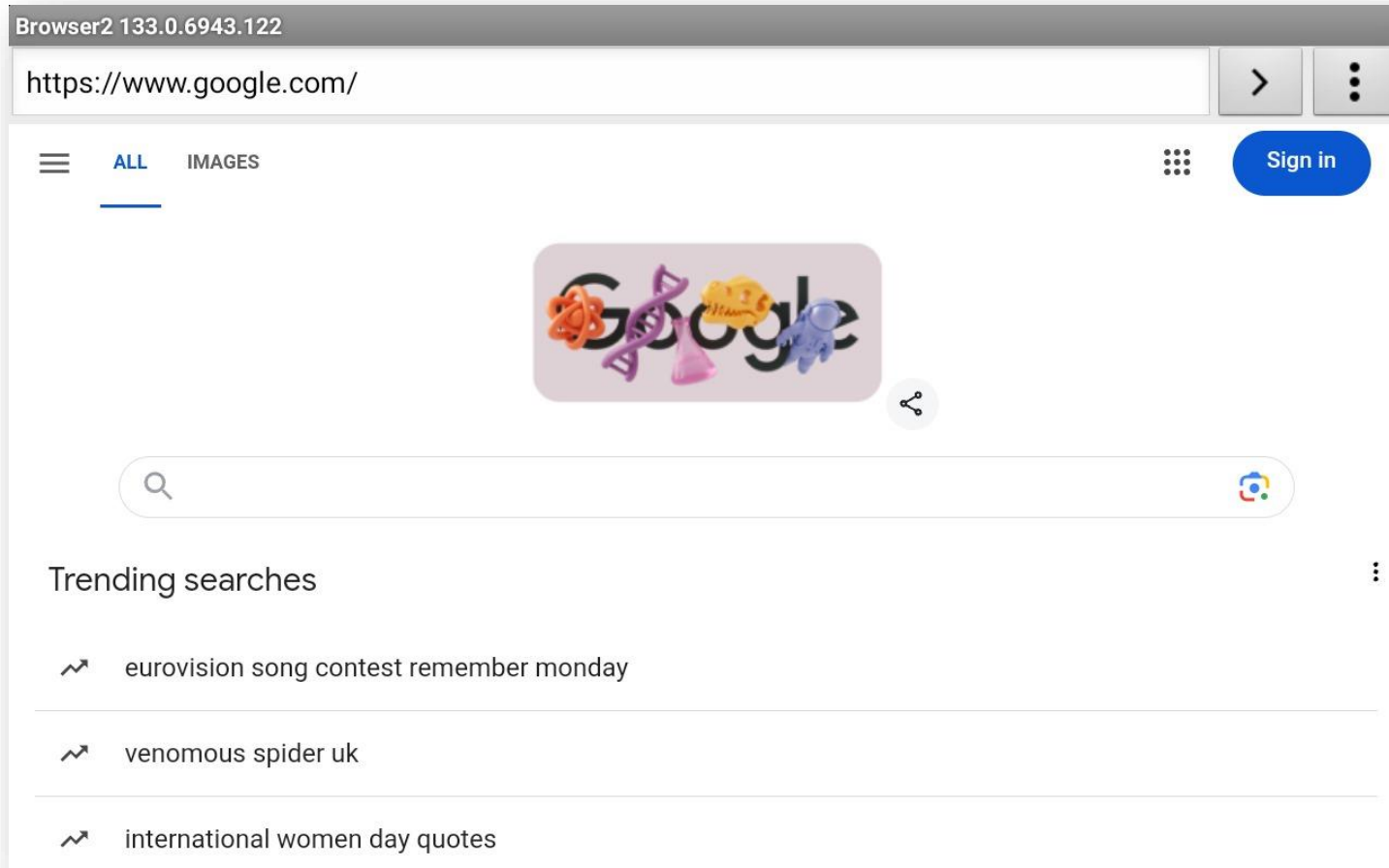
- Setting your required language
- Date and time setting
- Recovery settings – you can return your projector to factory settings here.



WIFI & HOTSPOTS

- Turn on your Wi-Fi here and connect to your Wi-Fi by adding your password
- You can also create a hotspot here so that other Wi-Fi enabled devices can connect to the projector
- The default password is 123456789
- This can be useful in areas where there is no connectivity if you want to connect your phone or PC to the Projector.

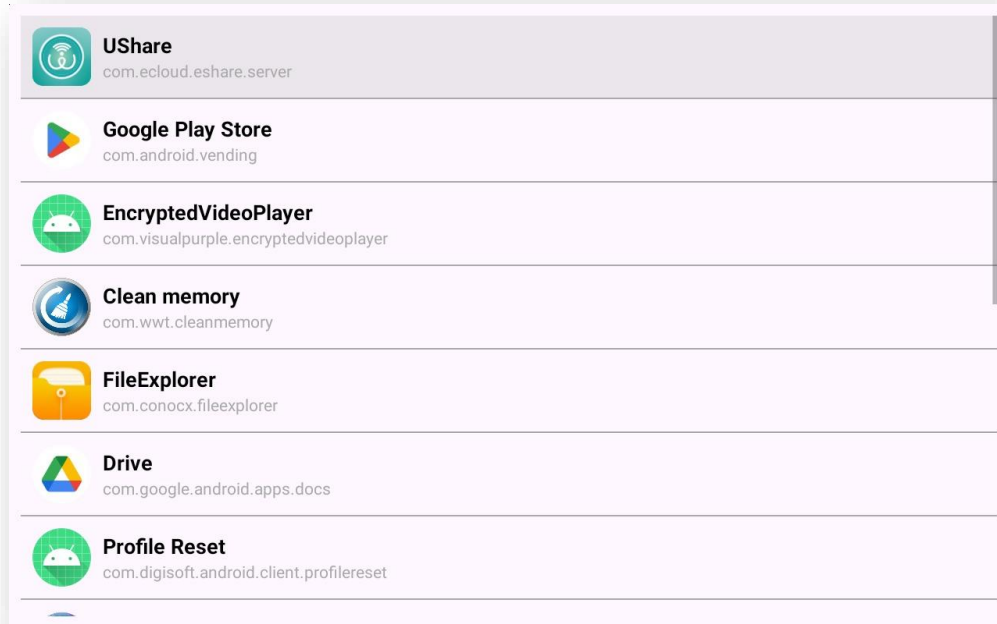




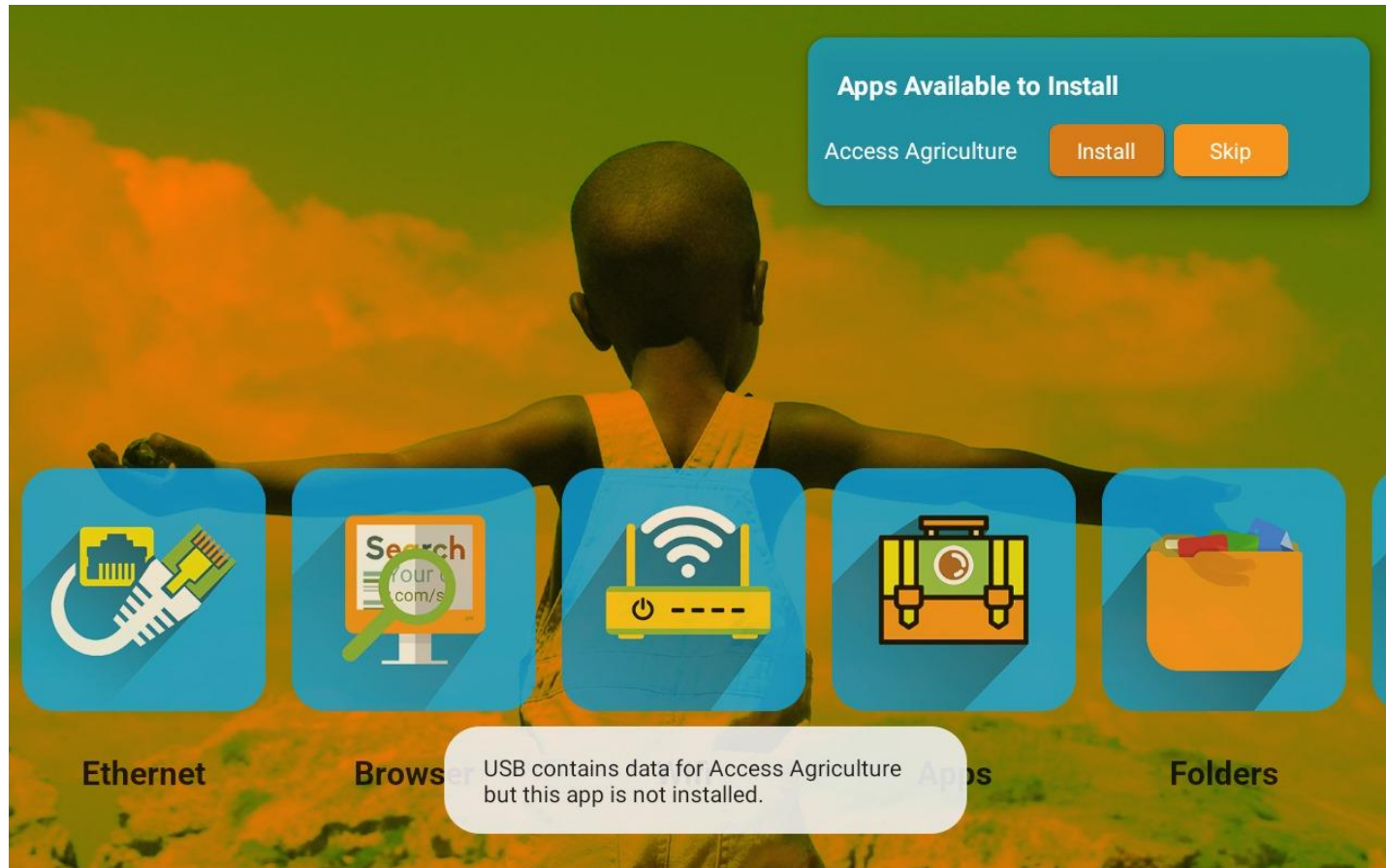
BROWSER

- Click the Browser homepage link to open the default browser.
- If you want to use another browser, you can download that application using Playstore, however you will need to go to the app folder to find it and launch it.

APPLICATIONS FOLDER

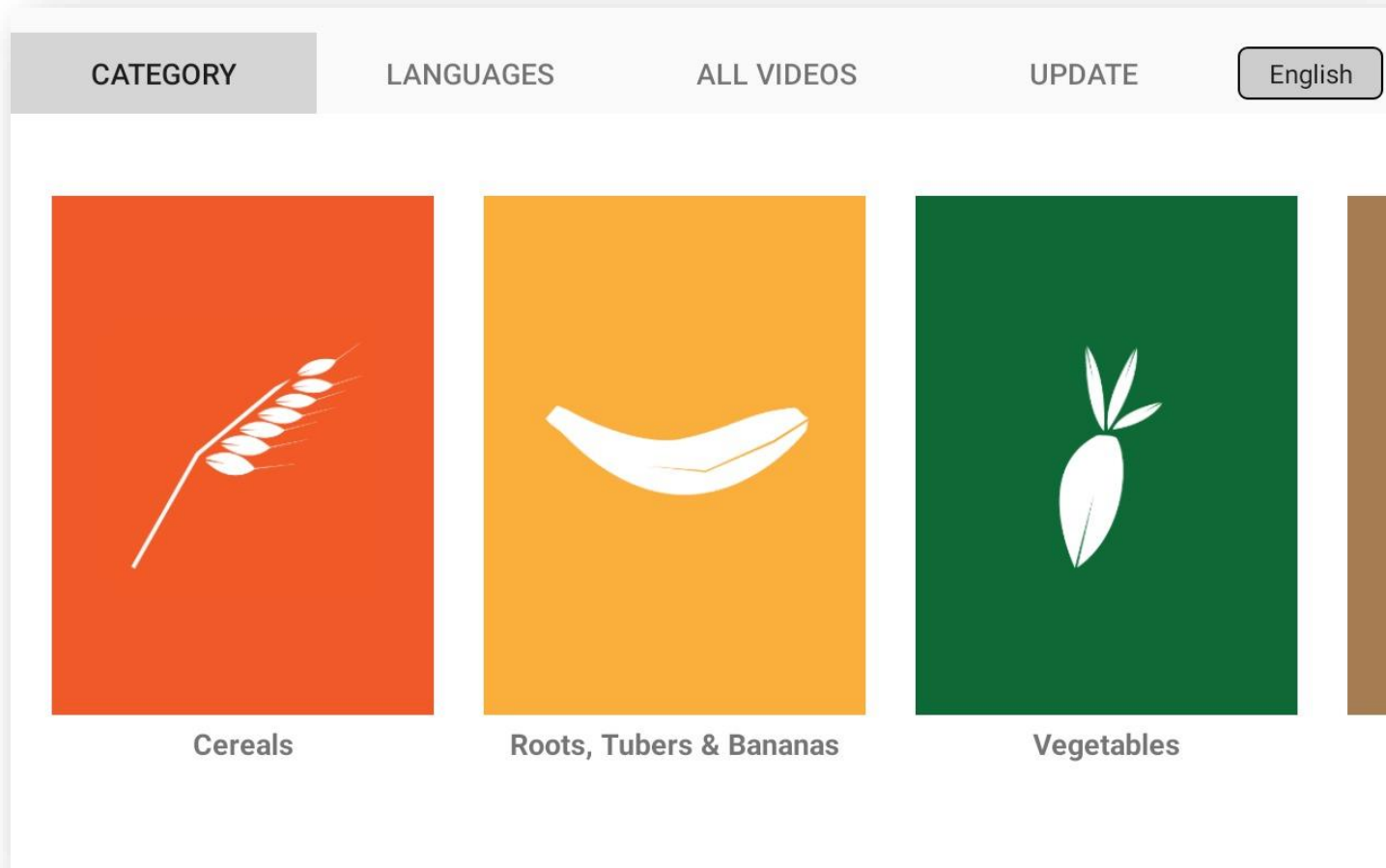


- All applications can be found in this folder. Scroll down to see all apps.
- Standard apps available include Google PlayStore; Ushare, which allows you to connect PCs and phones wirelessly; File Explorer to find your files; and the Profile Reset application.
- Use Google Playstore to add other apps as you require
- We recommend that you add VLC Player to the system as the default video player.



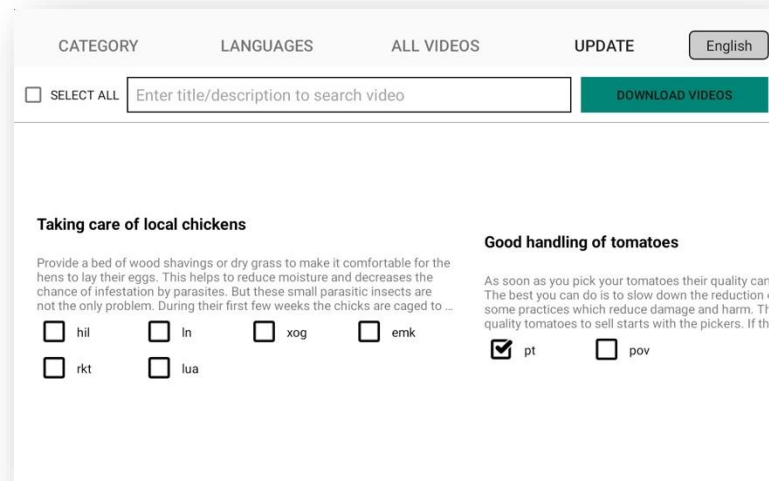
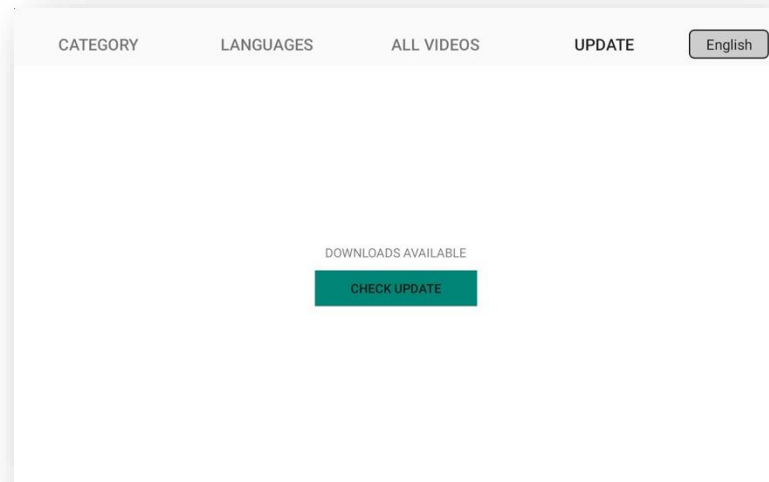
ACCESS AGRICULTURE

- Access Agriculture is an offline app which allows you to play over 4000 agricultural training videos, whether you are connected to the internet or not.
- If you have purchased this app, when you first attach the disc you may see this warning on the desktop.
- It will prompt you to install the apk that comes on the disc.



ACCESS AGRICULTURE

- When you install the Access Agriculture App you will see the interface shown here.
- You can choose to navigate the app by selecting categories, languages, all videos.
- You can also choose to update the videos.



FREE UPDATE MECHANISM


- To update make sure your Access Agriculture disc is attached to the USB port, and you are connected to the internet
- Click on update and it will show a list of videos not yet downloaded
- The app gives you the option of selecting the videos you want to download by language or description.

THOUSANDS OF VIDEOS, HUNDREDS OF LANGUAGES


- Browse by category or by the language you want to teach in.
Then click on the video to play it to your audience.

CATEGORYLANGUAGESALL VIDEOSUPDATEEnglish


PlayList




Taking care of local chickens
Provide a bed of wood shavings or dry grass to make it comfortable for the hens to lay their eggs. This helps to reduce moisture and decreases the chance of infestation by parasites. But these small parasitic insects are not the only problem. During their first few weeks the chicks are



Good handling of tomatoes
As soon as you pick your tomatoes their quality can only ever decrease. The best you can do is to slow down the reduction of quality, by following some practices which reduce damage and harm. The key to getting good quality tomatoes to sell starts with the pickers. If they can avoid damaging the crop, we have a



Making more money from onions
Let us learn from the experiences of some innovative farmers in Ghana who make more money: by producing onions when there are few of them on the market; by storing them until the price comes up again; and by selling directly to clients in urban markets.




Increasing pi local chicker
Local chickens few chicks bec reasons. To im and chick prod some simple r can take. By pr local, healthy c can better feed make some mc

CATEGORYLANGUAGESALL VIDEOSUPDATEEnglish


SELECT LANGUAGE

All languages


Selected languages




Adja
(adj)




Afar
(aa)



Amharic
(am)



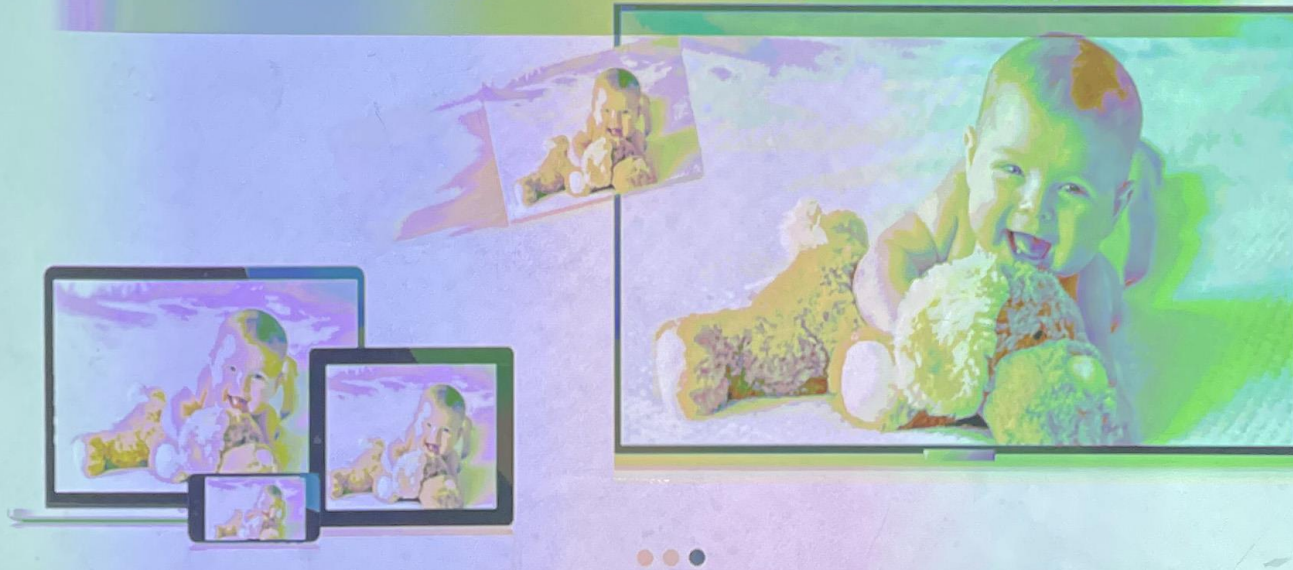
Arabic
(ar)



Arabic
(shu)

Live Bigger

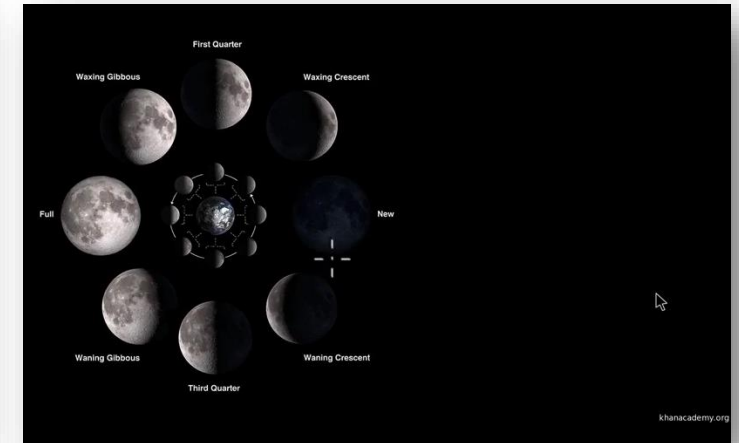
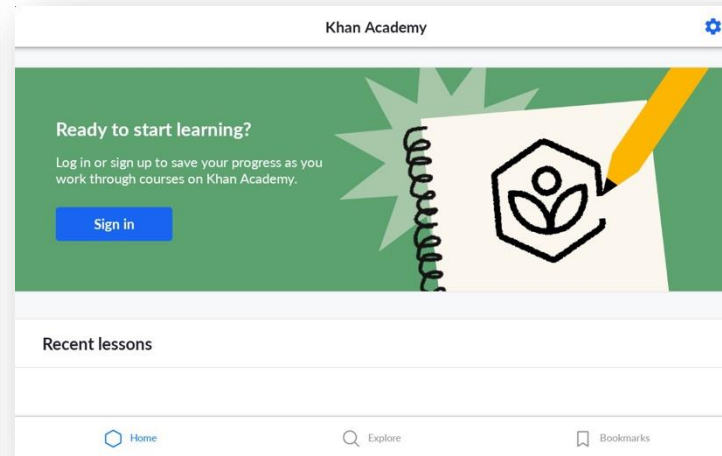
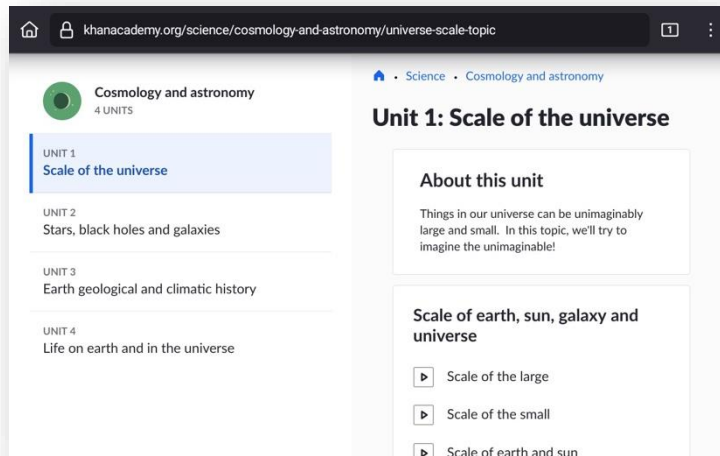
Transform the way you control and engage with smart projector



1. Connect your device to "McIntyre"
2. Visit "<http://192.168.2.138:8888>" with web browser or scan the QR-code to download app.
3. Launch UShare and click "UShare-4146" to connect.

U-SHARE

- The system has a proprietary sharing application called U-share
- It allows you to connect other devices wirelessly so long as they are connected to the same network or to projector's hotspot.
- Open the U-share app and follow the instructions at the bottom of the page
- Or use Airplay if you want to connect an Apple device.

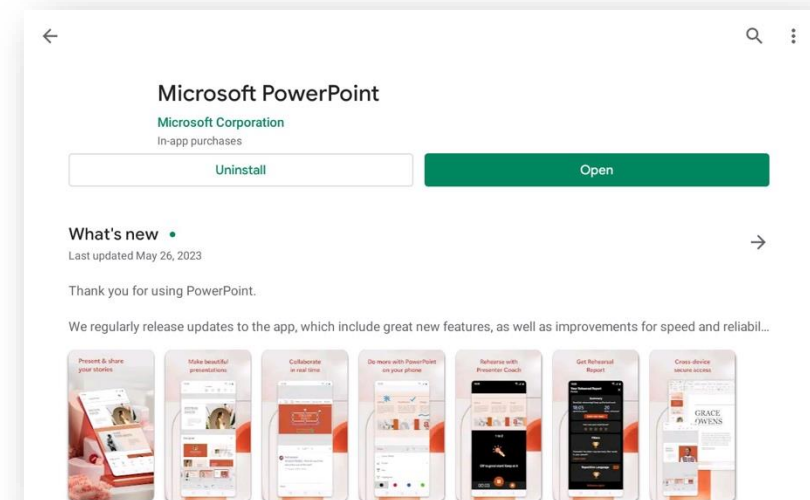
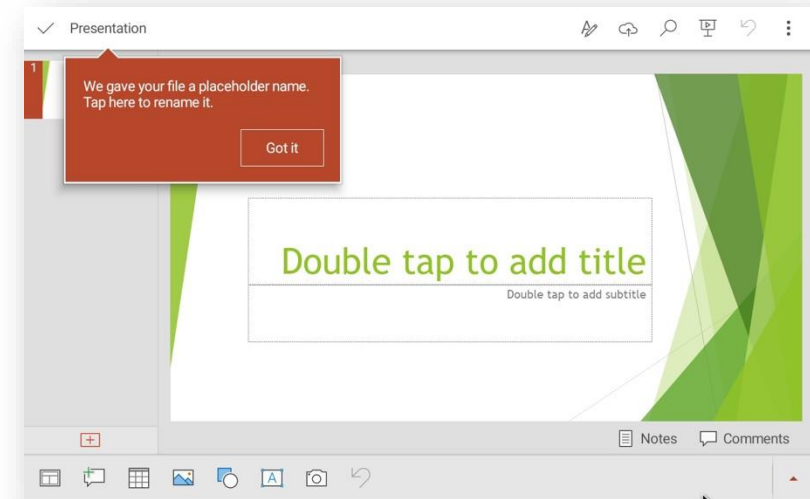


APPS WILL GIVE YOU MORE OPTIONS

- You can use great educational apps
- This is Khan Academy, which provides thousands of online tutorials for classrooms.
- We can also supply this as an offline application on a flash drive.

MICROSOFT APPS

- The system supports your use of Microsoft apps – Word, Excel, PowerPoint and others
- Since the system comes with a keyboard you can use it just like a computer.
- Create files, write, save or delete
- Plug in a flash drive full of your own content and show or edit them.





WHO ARE WE

- Supporting Global Education and Training
- Digisoft Education is a social impact company, set up to develop products and solutions which deliver education and training in countries which face infrastructure challenges.
- Because Education is Everything
- Digisoft Education www.Digisoft-education.com
- AM Consultancy London LLP T/A Digisoft Education
- Address; 124 City Rd, London EC1V 2NX
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- Email: info@digisoft-education.com