



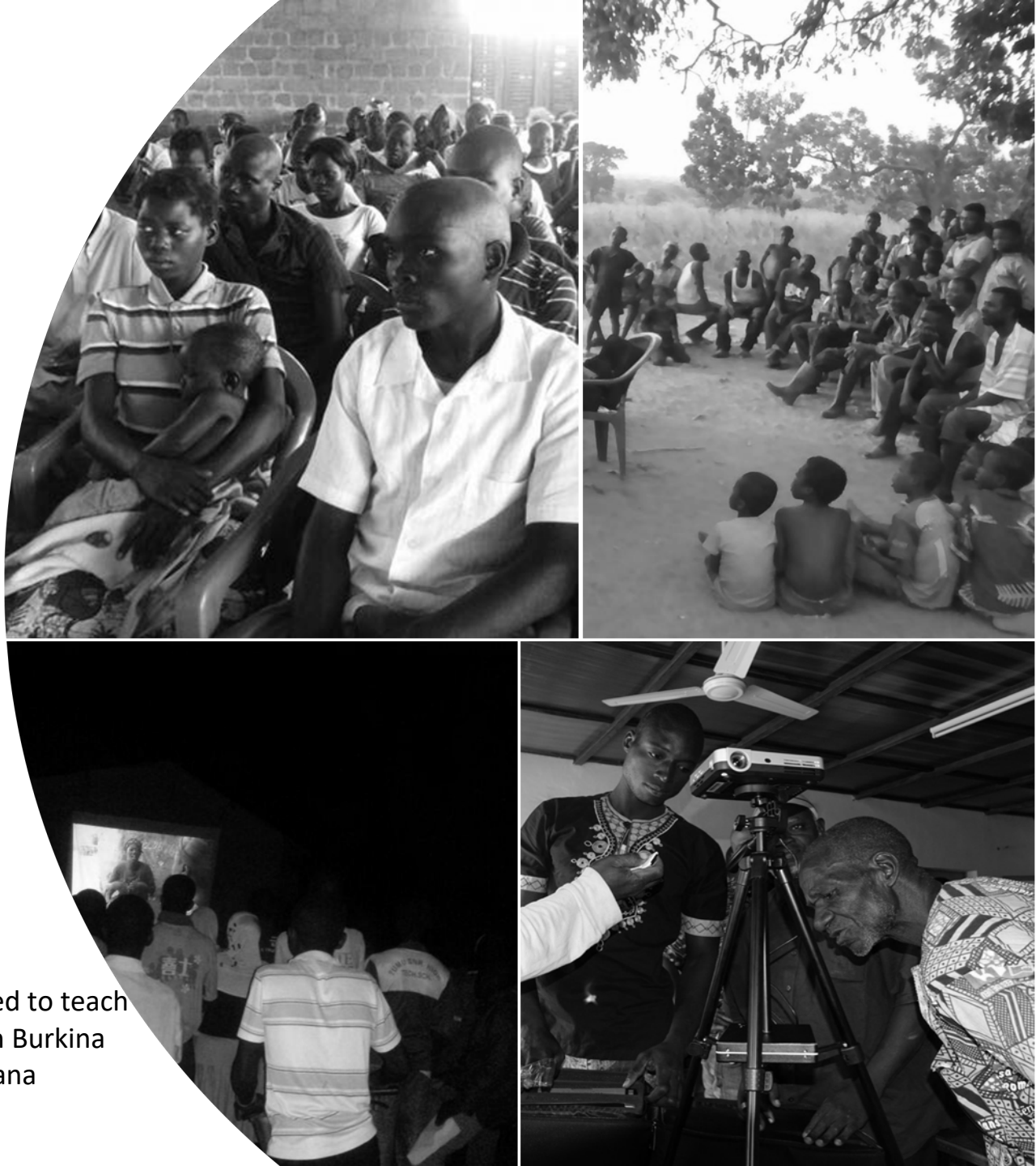
# Digisoft DCS Smart Projector

ICT For Rural Areas

# What We Do

- We produce portable education kits that work where there is no power grid or connectivity.
- You can **“go anywhere and teach anything”**
- With the DCS Kit you can use Microsoft Office, show videos, use apps such as Access Agriculture.
- We sell in markets where the electricity grid often does not reach more than 30% of the population and broadband is expensive or nonexistent.

The pictures show kits being used to teach villagers, children and farmers in Burkina Faso, Uganda, Tanzania and Ghana





# We Support Real Results Amongst Disadvantaged Groups

- 6000 mainly illiterate farmers in Uganda are now earning 7 times their previous income meaning more children are now going to school, there is less violence against women, less need for AID, more self sufficiency.
- 400,000 farmers were enrolled in a new Feed The Future program in Ghana, increasing food production, self reliance plus improving nutrition.
- Thousands more children are exposed to a better education by the introduction of ICT, so they can make better choices than their parents.
- This would not have been achieved so easily without the DCS Kits.

# Who Uses The DCS Systems



Care



AccessAgriculture



**USAID**  
FROM THE AMERICAN PEOPLE



Sasakawa  
Africa  
Association



MINISTRY OF FOOD & AGRICULTURE





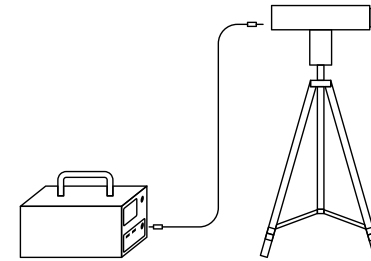
How Our  
Products Are  
Used

# Stand Alone Off-grid

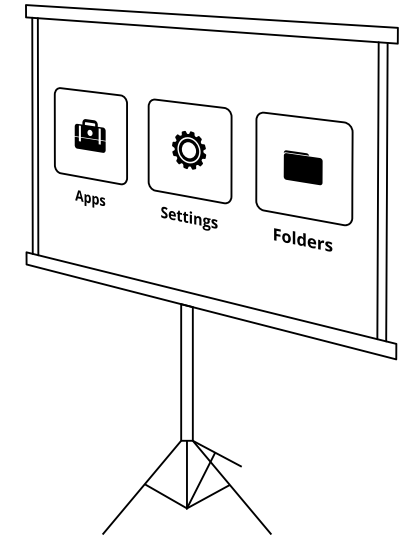
Stand alone, power independent unit. Able to show and create Word documents, PowerPoint documents, Excel documents, show videos, use Android teaching apps, use offline content like Access Agriculture, Khan Academy, Wikipedia. Where possible to connect to the internet via WiFi, Phone, or Ethernet, search for and show internet content or use internet apps. Also used by extension workers going from community to community.



Keyboard and speaker



Power bank and projector



# Taking The DCS To Rural Communities

- The DCS is also used in rural communities.
- The equipment can be used by extension workers to teach farmers and communities in need of farming, health and general adult education.



# ICT Equipment

Overview



# Solar Powered DCS Smart Projector

- Includes: Lockbox, H10 Projector, Keyboard, Remote, Speaker, Tripod, DCS 220 Power Bank, Foldable Solar charger. Think of it as a computer and projector in one.
- Use as an educational tool. With the keyboard create documents and show them to the class, Word, Excel, PowerPoint. Show video, download the material or use it from a flash drive, use offline apps and curriculum material. Use Android Apps.
- The system has WIFI, ethernet port, Bluetooth, connect any device wirelessly.



# Access Agriculture App

- Access Agriculture is a non-profit organization that showcases agricultural training videos in local languages.
- The Access Agriculture Application comes on a USB drive. The projector recognizes the app and allows the extension worker to choose, browse, view, play videos.
- It also has an automatic update mechanism that allows the user to update the disk with the latest videos provided the system is online.
- There are currently over 3,500 training videos in nearly 100 African and Asian languages.





# The Equipment

## Projector Specifications

OS Android 6.0  
Interface DCS 5.4  
Processor Quad Core Cortex-A7 1.2G  
Chipset TI DLP 0.45"  
GPU Mail 450 MP2  
Internet RJ45 & WIFI  
WLAN 802.11 a/b/g/n (2.4G+5G)  
Bluetooth 4.0 (supports Bluetooth devices, transmitting files)  
3D: Shutter 3D,  
Wireless Connection with Phones & PC DLNA, Airplay, Mirroring (iPhone & PC)  
Brightness: 2000  
Contrast Ratio: 1000:1  
Lamp: Osram RGB LED lamp, >30,000 hours lifetime  
Resolution: 1280 x800  
Projection Size: 20"-180"  
Projection Distance: 0.5m-4.5m  
Aspect Ratio: 16:9 / 16:10 / 4:3  
Interface Input: AV; HDMI/MHL; USB 2.0&USB 3.0; Micro SD; RJ45  
Output: 3.5mm earphone jack (support SPDIF output)  
Temperature: 0-35 degrees  
Speaker: Built in 3W\*1 (5.1 Dolby Surround Speaker)  
Focus Mode: Manual  
Projection Modes: Front / back / ceiling  
Weight: 500g



# BlueTooth Speaker

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- IPX6, Waterproof, Shockproof, Dustproof
- Bluetooth Version: 4.2, TF Card slot, Hands Free, Aux-In,
- Output, Power: 4W\*2, Driver Unit: 40mm\*2 , Frequency Response: 120Hz~18kHz,
- Battery Type: Li-ion (built-in) 3.7V, 2000mAh, Operating Time: ≥8Hrs, Charging Time: 3Hrs







# Keyboard & Remote

- Full Keyboard - Ultra-slim ergonomic wireless 2.4 GHz keyboard with built in laser trackball. Designed for use in standing presentation environments, it includes a trackball for mouse movement and a full keyboard for text entry.
- The keyboard connects to the projector wirelessly via a USB dongle. Keyboard powered by 2 x AA batteries.





# Power Bank

- Model: DCS220
- Battery: Li-on 222wh 500 cycles
- Solar In: 14.SV 5.5A Max., 2 x ANDERSON
- AC In: 16.SV 5A Max. 1 x DC5521
- USB output: 2 x USB 5V 2A
- DC output: 2 x 12V/5A Max.; 15V/4A Max.; 19V4A
- Size: 130"130"185mm
- Net weight: 2.2kg
- Gross weight: 3.58kg
- Accessory: 1"AC charging cable with European plug

# Solar Charger

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100 Watt, 5V, 12V, 16V, 19V , USB, Micro USB, Mini USB, Dual USB

DC5521 etc. (optional), 360\*285\*54.0mm,  
1150\*740\*22mm, 2960g

Built-in a solar controller for directly  
charging the phones or tablets

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# Tripod

Extended length: 1280mm

Folded: 430mm



All items  
come in a  
lockbox



# 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](http://www.digisoft-education.com)
- Sister Company - Digisoft.tv [www.digisoft.tv](http://www.digisoft.tv)